



BEC

Interim Report Soil Removal and Confirmation Sampling

Prepared for:

Sunkist Growers, Inc.

Site Name/Location:

Former Citrus Processing Plant
616 E. Sunkist Street
Ontario, California

July 31, 2009

Project Number 08010002

Bowyer Environmental Consulting
16458 Bolsa Chica Street, No. 422
Huntington Beach, CA 92649
T: 877-232-4620
F: 714-840-4963

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Prepared For:
Mr. Ron Alexander
Sunkist Growers, Inc.
531 W. Popular Avenue
Tipton, Ca. 93272

Prepared by:
Bowyer Environmental Consulting, Inc.
16458 Bolsa Chica Street, Suite 422
Huntington Beach, California 92649
T: 877.232.4620
F: 714.840.4963



Brett Bowyer, PG
Principal



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At the request of Sunkist Growers Inc. (Sunkist), Bowyer Environmental Consulting, Inc. (BEC) has prepared this Interim Soil Removal and Confirmation Sampling Report (Interim Report) associated with identified areas of impacted soil at the Sunkist Citrus Processing Plant (Site). The Site is located at 616 East Sunkist Street in Ontario, California, as shown on Figure 1.

The primary objectives associated with the environmental work that has been conducted at the Site are to:

- Evaluate the geophysical anomalies to determine if underground storage tanks (USTs) are present; and
- Implement shallow soil excavations to address the areas that exhibited chemicals concentrations in excess of conservative cleanup criteria.

This Interim Report has been prepared to update the city of Ontario regarding the status of these on-going activities. At this point, most of the original objectives have been met. However, due to the presence of existing surface structures, two limited areas that require additional work, will be addressed in the near future in conjunction with site demolition activities.

This report is organized into the following sections:

- Section 1 presents the objectives and defines the organization structure;
- Section 2 presents a summary of historical property use and previous environmental investigations conducted at the Site;
- Section 3 summarizes the scope and presents the results obtained; and
- Section 4 presents conclusions and recommendations based on the results.

2.0

BACKGROUND

The approximately 11.11-acre Site is located in the City of Ontario, approximately 1 mile west of the Ontario International Airport, and between the San Bernardino Freeway (Highway 10) to the north, and the Pomona Freeway (Highway 60) to the south. The Site is bounded primarily by industrial properties, although a residential neighborhood is located directly west of the northern portion of the Site.

Currently the site consists of 23 buildings, a waste water treatment plant, a Dryers Area, a Waste/Heat area, a Wet Peel Area, two large fruit bins, and a fenced in Edison Transformer. These operational features are shown on Figure 2. For the most part Sunkist terminated citrus processing at the Site in 2008. The waste water treatment plant, and some cold storage processes continue to operate at the Site to accommodate the ongoing bulk storage operation that Sunkist operates at 617 E. Sunkist (directly north of the Site).

2.1

Historical Of Operations

According to the *Historic Context for the City of Ontario's Citrus Industry* (City of Ontario Planning Department, February, 2007), the Site was developed as a citrus by-products plant in 1926 by the Ontario Citrus Exchange. The Ontario Citrus Exchange was part of the California Fruit Growers Exchange (Central Exchange) which was formed originally in 1893 (as the Southern California Fruit Growers Exchange). The Central Exchange was formed as a not-for-profit marketing cooperative designed to help growers distribute their product from the orchards to the market. The Central Exchange provided uniform methods of packaging and shipping, and established a standard for pricing. In 1952 the Central Exchange officially changed its name to Sunkist Growers, Inc., based on the success of the "Sunkist" brand name. Today, Sunkist continues to be one of the ten largest marketing cooperatives in the United States.

Based on a Sanborn map from 1928 (City of Ontario Planning Department, February, 2007), the original plant built on the Site housed, canning, compressor, evaporator, cold storage and warehousing facilities. This plant was reportedly originally designed to handle a large part of what would have otherwise been unmarketable fruit from the Ontario area. An aerial photograph dated from the 1930s shows buildings 11, 12, 13, 21,

part of 23 and possibly 31. Additional structures were added on the southern section of the plant between the 1950s and the 1980s.

2.2 *Current Features*

In addition to previously described operational features (Section 2.0), there are 34 aboveground storage tanks (ASTs) in direct contact with the ground surface at the Site. Additional free-standing tanks are also present in various locations. However, these additional free-standing tanks are on raised structures and are not in direct contact with the ground surface. There has been little or no surface staining observed beneath these free-standing tanks. As such, the potential that the free-standing tanks may have impacted the subsurface is not evident.

One free-standing 1,725-gallon ammonia tank is located within a below ground vault structure. Due to the size (1,725 gallons), and below-ground setting, this tank is considered to meet the definition of an UST according to the San Bernardino Fire Department (SBFD). A workplan for the removal of this UST has been prepared and approved by the SBFD, and the UST will be removed in the near future.

The AST and UST locations are shown on Figure 3. The contents of these tanks are presented on Table 1. As shown, they are reported to contain:

- Ammonia;
- Caustic blend (3% and 30 %);
- Citrus oil;
- Citrus peel liquor;
- Condensate;
- Fresh Water;
- Juice
- Lime;
- Phosphoric acid;
- Sugar;
- Sludge;
- Soap;
- Spent caustic; and
- Waste water;

A significant subslab drainage system is in place at the Site. Figure 4 shows the location of the existing sewer and storm drain system.

Leighton Consulting, Inc. (Leighton) conducted a Limited Phase II Environmental Site Assessment (Phase II Investigation) at the Site in October 2008 in association with a pre-acquisition due diligence effort conducted by the City of Ontario. This Phase II Investigation involved a geophysical survey and the installation of 79 soil borings. The locations of the 79 soil borings installed by Leighton are shown on Figure 5.

Leighton identified six locations that, based on the presence of geophysical anomalies, might be associated with the presence of USTs. The locations of these anomalies (Anomalies A through F) are shown on Figures 6 and 7.

Selected soil samples collected during the Limited Assessment were reportedly tested by United States Environmental Protection Agency (USEPA) Method 8015M for a full range of total petroleum hydrocarbons (TPH), USEPA Method 8310 for polynuclear aromatic hydrocarbons (PAHs), USEPA Method 8082 for polychlorinated biphenyls (PCBs), USEPA Method 6010B and 7471A for CAM metals, USEPA Method 8270 C for semi-volatile organic compounds (SVOCs), USEPA Method 8260B for volatile organic compounds (VOCs) and USEPA Method 7096A for hexavalent chromium.

The report for the Phase II Investigation states that PAHs, SVOCs, and VOCs were not detected above method detection limits in the samples analyzed. The report also provided a summary of composited CAM metals, PCBs, and TPH results on a series of tables and figures. Based on these summaries, Leighton identified three potential areas of concern. These potential areas of concern are:

- **Location 11** – Three samples collected from 2.5 feet below ground surface (bgs) at three different locations (11A, 11B and 11C) were composited and found to contain PCB concentrations of 1.24 milligrams per kilogram (mg/kg), which is higher than the California Human Health Screening Level (CHHSL) of 0.3 mg/kg. The CHHSLs are conservative screening criteria which are used to define the need for further evaluation when point source data is found in excess of the associated CHHSL. Location 11 and the three discrete soil borings that were composited are shown on Figure 6.
- **Location 20** – One sample collected from 0.5 feet bgs at this location contained PCB concentrations of 2.38 milligrams per kilogram,

which is higher than the CHHSL of 0.3 mg/kg. The location of this sample is shown on Figure 5.

- **Location 24** - Three samples collected from 0.5 feet bgs at three different locations (24A, 24B, and 24C) were composited and found to contain total lead concentrations of 4,030 mg/kg and a TPH in the motor oil range (C23 to C35) of 1,230 mg/kg. The reported lead concentration is higher than the CHHSL of 3,500 mg/kg, and is higher than the USEPA Region IX Industrial Preliminary Remediation Goal (PRG) of 800 mg/kg. The PRGs, like the CHHSLs are conservative screening criteria which are used to define the need for further evaluation when point source data is found in excess of the associated PRG. Location 24 and the location of the three discrete soil borings that were composited are shown on Figure 7.

Based on these findings, Sunkist requested that the specific samples collected from 2.5 feet at 11A, 11B and 11C were analyzed for PCBs. Similarly, it was requested that the specific samples collected from 0.5 feet at 24A, 24B and 24C were analyzed for total lead and TPH in the gasoline, diesel and motor oil ranges. Ontario authorized these additional analyses, and the results are shown on Figure 6 and 7, respectively. Laboratory reports associated with these analyses are provided in Appendix A.

The results from the additional analyses show that the sample collected from 11C contained 2.93 mg/kg of PCBs, while the samples collected from 11A and 11C were below the conservative screening criteria. In addition, the sample collected from 24C contained 234 mg/kg of total lead and 3,830 mg/kg of petroleum hydrocarbons in the motor oil range (C23-C35). Samples collected from 23A and 24B contained low concentrations of total lead and petroleum hydrocarbons. This is contradictory to the initial result obtained from the composited samples collected from 24A, 24B and 24C. However, the composited result does indicate that concentration of lead in excess of the CHHSL are present, and based on the relatively elevated concentration total lead and TPH observed at 24C, it is reasonable to assume that lead concentrations in excess of the CHHSL are, or were in the vicinity of 24C.

3.0

SCOPE AND RESULTS

As previously described six geophysical anomalies (Anomalies A through F) and three areas of impacted soil (Location 11C, 20 and 24C) had been identified as issues of concern based on the previous investigation conducted by Leighton on behalf of the City of Ontario. In order to address these concerns, BEC developed a plan (Workplan) which consisted of implementing a series of pothole excavations within the area of the anomalies, and excavating soil and collecting confirmation soil samples within the three identified areas of soil impact. This Workplan was submitted to the City of Ontario on March 17, 2009. As per the March 30, 2009 email from John Andrews of the City of Ontario, the scope of the Workplan was found by the city to be adequate to address the issues identified by Leighton during the Phase II Investigation.

During the implementation of the scope of the work presented in the Workplan, findings were obtained that warranted additional efforts. The following subsections summarize the scope and results associated with the work performed to address the issues identified by the City of Ontario.

3.1

Pothole Excavations

A total of 15 pothole excavations were implemented within the six anomalous areas (Areas A through F). Table 2 summarizes the pothole excavation and results obtained in each of the areas.

The potholes were excavated with the use of a Bobcat or Track-Mounted Backhoe. Excavated soil was visually inspected for the presence of debris and/or evidence of potential environmental impacts. Potential impacts could include the presence of stained soil, the observation of chemical odors, and/or elevated organic vapor readings, as observed on a photoionization detector (PID). These observations were documented on field logs and are described in the following subsections.

3.1.1

Areas A and B

Five pothole excavations were advanced in Areas A and B to depths of 5.5 to 10 feet, as shown on Figure 8. The two western potholes (B1 and B2) were installed over Area B. The presence of significant debris, in the form of concrete, asphalt, loose soil, clay pipe, brick and wood, was found to be

present to depths of 5.5 to 6 feet in these pothole excavations. At the lower depth a solid, bowl-shaped concrete foundation was found to be present in both B1 and B2. No debris (only native soil) was observed in the three eastern pothole (A1, A2, and A3), which were actually installed just to the east of Area A.

These findings were incorporated into the overall remedial excavation associated with Area 24, which is described in Section 3.2.3,

3.1.2 *Areas C and D*

Given the limited dimensions of the original anomalies observed at Areas C and D, only single potholes were installed in each of these areas to depths of 10 feet, as shown on Figure 9. No debris or other features were observed in these potholes. It is probable that the anomalies were caused by the storm water and other pipeline features which are known to be present in the subsurface in this area. However, shallow soil in Pothole C1 was dark in color, and as a precaution a soil sample was collected from a depth of 1.0 feet in this location. This sample was analyzed for:

- CAM metals by USEPA Method 7000 Series; and
- TPH in the gasoline, diesel and motor oil ranges by USEPA Method 8015, modified.

Laboratory Reports associated with these analyses are provided in Appendix B and are summarized on Table 3. As shown, TPH and metals were not found to be present in this sample at levels that exceed conservative screening criteria (PRGs and/or CHHSLs).

3.1.3 *Area E*

As Area E represented the largest single anomaly observed, six potholes were installed in this area to depths of 8 to 10 feet, as shown on Figure 10. Debris, in the form of loose soil, wood, and rock was present to depth of 3.5 feet in several of these potholes. In addition, wood railroad ties (Pothole E4) and wood ties and metal rails (Pothole E5) were observed in this area. Based on these findings, and the original linear trend of the observed anomaly, it is likely that this feature is associated with a buried railroad siding that is known to have been present in this location.

3.1.4

Area F

Two pothole excavations were advanced in Area F to depths of 10 to 11 feet, as shown on Figure 11. A 10,000 gallon diesel fuel UST was reported to have been formerly present in this general area. This diesel UST was reportedly removed on March 19, 1992. The slurry backfill encountered at up to 11 feet in Pothole F2 is most likely associated with this former UST. This area is also underlain by numerous underground lines, and the original anomaly may have also been associated with these known features. Other than the slurry backfill, only native soil was observed in the pothole excavations advanced in this area.

3.2

Remedial Excavations

Based on the results of Leighton's Phase II Investigation, and the follow up analyses performed on behalf of Sunkist (as described in Section 2.3) three areas were targeted for remedial excavation and confirmation sampling. Two of these areas (Area 11C and Area 20) were found to contain PCBs in excess of conservative screening criteria (PRGs and/or CHHSLs). One area (Area 24C) contained total lead in excess of conservative screening criteria. As such, PCBs are the target compound for Areas 11C and 20, and total lead is the target compound for Area 24C. Confirmation sampling in Areas 11C and 20 were to be tested for PCBs, and confirmation samples in Area 24C were to be tested for total lead.

3.2.1

General Excavation, Sampling and Disposal - Methods and Procedures

The remedial excavations were advanced with the use of a BobCat or Track-Mounted Backhoe. Excavated soil was visually inspected for the presence of debris and/or evidence of potential environmental impacts. Potential impacts could include the presence of stained soil, the observation of chemical odors, and/or elevated organic vapor readings, as observed on a Photoionization detector (PID). These observations were documented on field logs.

Once the extent of the planned remedial excavation had been met, soil samples were collected to confirm the presence/absence of target compounds. These samples were usually collected from the sidewall or floor of the excavation by driving a brass ring into the freshly excavated surface. Once the ring had been completely filled, it was capped, labeled and placed in a dry, refrigerated condition, pending delivery to the analytical laboratory for testing. In some cases, due to the nature of the operation, it was not possible to safely enter the excavations to directly

retrieve the samples from the sidewalls and/or floors. In these cases, the brass sleeve was driven into fresh soil and retrieved from the desired sampling point via use of the excavation bucket. In addition, on one occasion (May 21, 2009) three hand augured soil borings (B-1, B-2, and B-3) were advanced in Area 11C in order to evaluate the extent of impacts prior to excavation. In this case, soil was collected by driving a brass sleeve in advance of the hand auger at the desired sampling point with the use of a manual sample driver. Laboratory Reports for all of the samples collected during this program are provided in Appendix B.

Once results were received, they were compared to conservative screening criteria. If the results were less than the criteria the remedial excavation was deemed to be complete. If the results were in excess of the criteria, additional excavation efforts were implemented. In two cases, as explained in the following subsections, the presence of existing structures prevented the completion of the removal of all impacted debris and/or soil.

Soil generated during the excavations was temporarily stockpiled on the Site. Once the excavation efforts were completed, composite stockpile samples were collected to support the evaluation of disposal options. The composite sample (11C 1,2,3,4, Comp.) collected from the stockpile created from the Areas 11C and 20 excavations was analyzed for CAM Metals (USEPA 7000 series), TPH in the gasoline, diesel and oil ranges (USEPA Method 8015, modified), and VOCs (USEPA Method 8260B). All of these compounds were found to be low or nondetect. Based on these results, Sunkist designated this waste as nonhazardous and it was transported and disposed of at Tps Technologies, Inc. in Adelanto, California.

The composite sample (S24 #1,2,3,4,5,6,7 and 8) collected from the stockpile created from the Area 24 excavation was analyzed for aromatic hydrocarbons (USEPA Method 8260B), total lead (USEPA 7000 series), soluble lead by the Waste Extraction Test (WET) and Toxicity Characteristic Leaching Potential (TCLP) methods, PCBs (USEPA Method 8082) and polynuclear aromatics (USEPA Method 8310). Based on these results, Sunkist designated this waste as non-RCRA California hazardous waste and it was disposed of at La Paz County Landfill in Parker Arizona. The Area 24 stockpile was designated as a non-RCRA, California hazardous waste because the WET test results were in excess of the soluble threshold limit concentration (STLC). All other analytical results from this composite sample were found to be low or nondetect.

All of the stockpiled soil was transported off site on July 28, 2009.

3.2.2

Area 11C

Area 11C is underneath the western end of the existing Wet Peel Structure, near a former row of electrical breakers. The Wet Peel Structure is a large, two story, metal-frame building that for the most part has no walls. Access to the 11C area is limited due to the current presence of this feature.

Five rounds of excavation and confirmation soil sampling were performed in Area 11C between April 24, 2009 and June 11, 2009. In total approximately 15 cubic yards of soil were removed from this area during the remedial excavation. Figures 12 and 13 depict the extent of the remedial excavation in this area in plan and cross sectional view, respectively. Additional excavation is not possible at this time due to the access constraints posed by the existing Wet Peel Structure.

A total of 31 discrete soil samples were collected and analyzed for PCBs (USEPA Method 8082) as part of the five rounds of confirmation sampling conducted in this area. In addition, the pH level (USEPA Method 9045C) in 10 of the collected confirmation samples was also evaluated. The results of the analyses performed on confirmation samples collected from Area 11C are shown on Table 4.

As shown, the only detected PCB in Area 11C is Aroclor 1254. It was observed in 19 of the 31 samples collected from this area. The highest concentration observed was 2,150 mg/kg which is not higher than the Toxic Substances Control Act (TSCA) waste criteria, but is higher than the conservative screening levels which are being used as the default cleanup criteria for this work.

As shown on Figure 13 and Table 4, three samples collected from the bottom (11C-29, 11C-30, and 11C-31) at depths of 10 feet, and the southernmost sidewall sample (11C-28) contain concentrations of Aroclor 1254 in excess of the conservative screening criteria. As previously stated, further excavation in this area is not possible until the Wet Peel Bin Structure is removed.

3.2.3

Area 20

Area 20 is adjacent to the fenced in Edison transformers on the western side of the Site. Access to this area is not limited.

Two rounds of excavation and confirmation soil sampling were performed in Area 20 between April 24, 2009 and May 7, 2009. In total approximately 5 cubic yards of soil were removed from this area during the remedial excavation. Figure 14 shows the extent of the remedial excavation in this area in plan view.

A total of 8 discrete soil samples were collected and analyzed for PCBs (USEPA Method 8082) as part of the two rounds of confirmation sampling conducted in this area. The results of the analyses performed on confirmation samples collected from Area 20 are shown on Table 5.

As shown, the only detected PCB in Area 20 is Aroclor 1260. It was observed in 3 of the 8 samples collected from this area. The highest concentration observed was 431 mg/kg which is not higher than the TSCA waste criteria, but is higher than the conservative screening criteria which are being used as the default cleanup criteria for this work.

As shown on Figure 14 and Table 5, samples collected from the bottom sidewalls of the final excavation did not contain concentrations of Aroclor 1260 in excess of the conservative screening criteria. Based on this data, the impacted soil in this area has been removed and remediation in this area is complete.

3.2.2

Area 24C

Area 24C is located directly north of a concrete foundation, housing pumps, compressors and other equipment (Equipment Foundation). During pothole excavations conducted in anomaly Area A and B, the presence of a concrete bowl-shaped structure was observed in this area, as described in Section 3.1.1. This bowl-shaped structure was found to contain debris, in the form of concrete, asphalt, loose soil, clay pipe, brick and wood. This debris was also observed in the initial excavation at 24C. Initial confirmation sampling conducted at 24C determined that the debris contained elevated levels of total and soluble lead. Based on these findings, the remedial excavation was expanded to include all of Area 24 (not just Area 24C) in order to address the elevated lead in the debris.

Three rounds of excavation and confirmation soil sampling were performed in Area 24 on April 23, 2009, May 7, 2009, and June 10, 2009. The final round of samples were collected from beneath the bowl-shaped structure after the assessable debris had been removed. In total approximately 100 cubic yards of soil were removed from this area during the remedial excavation. Figure 15 shows the extent of the remedial

excavation, which corresponds to the known extent of the bowl-shaped concrete structure. The bowl-shaped structure, and associated debris, extends towards the north under Building 14, and towards the south beneath the Equipment Foundation. Additional excavation is not possible at this point in time due to the access constraints posed by the presence of these surface structures.

A total of 17 discrete soil samples were collected and analyzed for total and soluble lead (USEPA 7420 and WET, respectively) as part of the three rounds of confirmation sampling conducted in this area. In addition, 7 of the collected confirmation samples were also evaluated for pH (USEPA Method 9045C), 10 were analyzed for TPH in the gasoline, diesel and oil ranges (USEPA Method 8015, modified), and 10 were analyzed for PCBs (USEPA Method 8082). The results of the analyses performed on confirmation samples collected from Area 24 are shown on Table 6, with the exception of PCBs. PCB analyses were all nondetect, and were therefore not summarized on this table.

As shown, 3 of 17 samples collected from this area contained total lead at a concentration that exceeds the conservative screening criteria. In addition, 5 of the 17 samples contained soluble lead in excess of the STLC, which is 5 milligrams per liter (mg/l). Solid waste that exceeds the STLC is considered by the State of California to be a hazardous waste. The highest total lead concentration observed was 375 mg/kg, and the highest WET lead concentration observed was 19.2 milligrams per liter (mg/l).

As shown on Figure 15 and Table 6, the 10 samples collected from beneath and to the west and east of the bowl-like concrete structure did not contain total lead in excess of the conservative screening criteria, or soluble lead in excess of the STLC. As previously stated, further excavation to remove debris and collect confirmation samples to the north and south in this area is not possible until the Building 14 and the Equipment Foundation are removed.

As stated in the introduction, this Interim Report has been prepared to update the city of Ontario regarding the status of the on-going remedial activities being conducted at the Site. The primary objectives associated with the overall program are to:

- Evaluate the geophysical anomalies to determine if USTs are present; and
- Implement shallow soil excavations to address the areas that exhibited chemicals concentrations in excess of conservative cleanup criteria.

These areas of concern were originally identified by Leighton as part of a Phase II Investigation that was done on behalf of the City. At this point, most of the original objectives have been met. However, due to the presence of existing surface structures, two limited areas that require additional work will be addressed in the near future following demolition activities.

The specific issues that have been evaluated and addressed are listed as follows:

Anomaly A and B – A debris filled, bowl-shaped concrete structure was identified and removed from this area. No UST were associated with these geophysical anomalies.

Anomaly C and D – No USTs or other suspect subsurface features were identified in relation to these small anomalies. It is likely that the geophysical responses observed in these areas were a result of pipelines that are documented to be present in the subsurface in these areas.

Anomaly E - No USTs or other suspect subsurface features were identified in relation to this anomaly. It is likely that the geophysical responses observed in this area is a result of wood ties and metal rails associated with a former railroad siding that was determined to still be present in this area.

Anomaly F - No existing USTs or other suspect subsurface features were identified in relation to this anomaly. It is likely that the geophysical response observed in this area are a result of pipelines and/or the slurry

fill associated with a former UST that are documented to be present in the subsurface in this area.

Area 11C PCBs in Soil – Five rounds of excavation and confirmation sampling have been conducted in this area. PCBs in excess of the conservative screening criteria remain in a limited area at this location, as further excavation is limited by the presence of an existing surface structure (Wet Peel Structure).

Area 20 PCBs in Soil – Two rounds of excavation and confirmation sampling have been conducted in this area. As a result, PCBs in excess of the conservative screening criteria have been removed from this area.

Area 24C Lead in Soil – Three rounds of excavation and confirmation sampling have been conducted in this area, and the excavation was expanded to include a larger overall area (Area 24). As explained under the explanation for Anomalies A and B, a debris-filled, bowl-shaped concrete structure has been removed from this area. Soil to the east, to the west and beneath this structure does not contain total lead in excess of the conservative screening criteria, or soluble lead in excess of the STLC. However debris, which may contain elevated lead, is present under existing Building 14 to the north and the Equipment Foundation to the south.

The following activities are recommended and will be conducted in the near future:

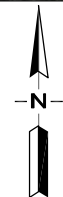
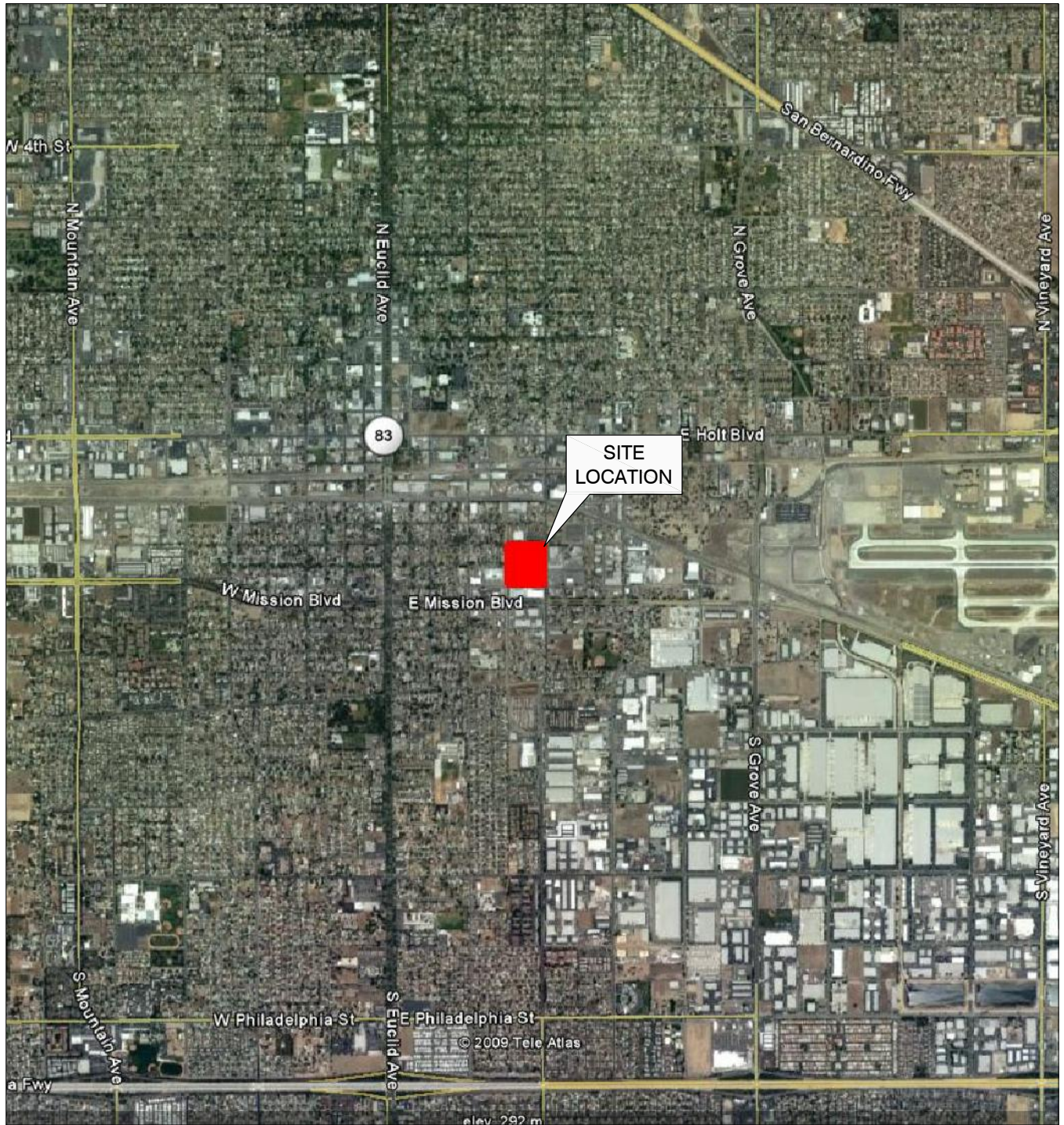
- Removal of the remaining PCB impacted soil and confirmation sampling in association with the demolition of the Wet Peel Structure; and
- Removal of remaining debris and confirmation sampling in association with the demolition of Building 14 and the Equipment Foundation.

1. Bowyer Environmental Consulting, Inc. March 17, 2009. Work Plan for Recommended Environmental Activities - Former Sunkist Citrus Processing Plant, 616 East Sunkist Avenue, Ontario, California.
2. Bowyer Environmental Consulting, Inc. July 1, 2009. Workplan for UST Removal - Former Sunkist Citrus Processing Plant, 616 East Sunkist Avenue, Ontario, California.
3. City of Ontario Planning Department. February 2007. Historical Context for the City of Ontario Citrus Industry.
4. Leighton and Associates. September 8, 2008. Phase I Environmental Site Assessment (ESA) for the Sunkist Processing Facility, 616 East Sunkist Avenue, Ontario, California.
5. Leighton and Associates. November 6, 2008. Limited Phase II Environmental Site Assessment Report for the Sunkist Processing Facility, 616 East Sunkist Avenue, Ontario, California.

Figures

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BEC
16458 Bolsa Chica Street, #422
Huntington Beach, CA 92649
Tel. (877) 232-4620
Fax (714) 840-4963

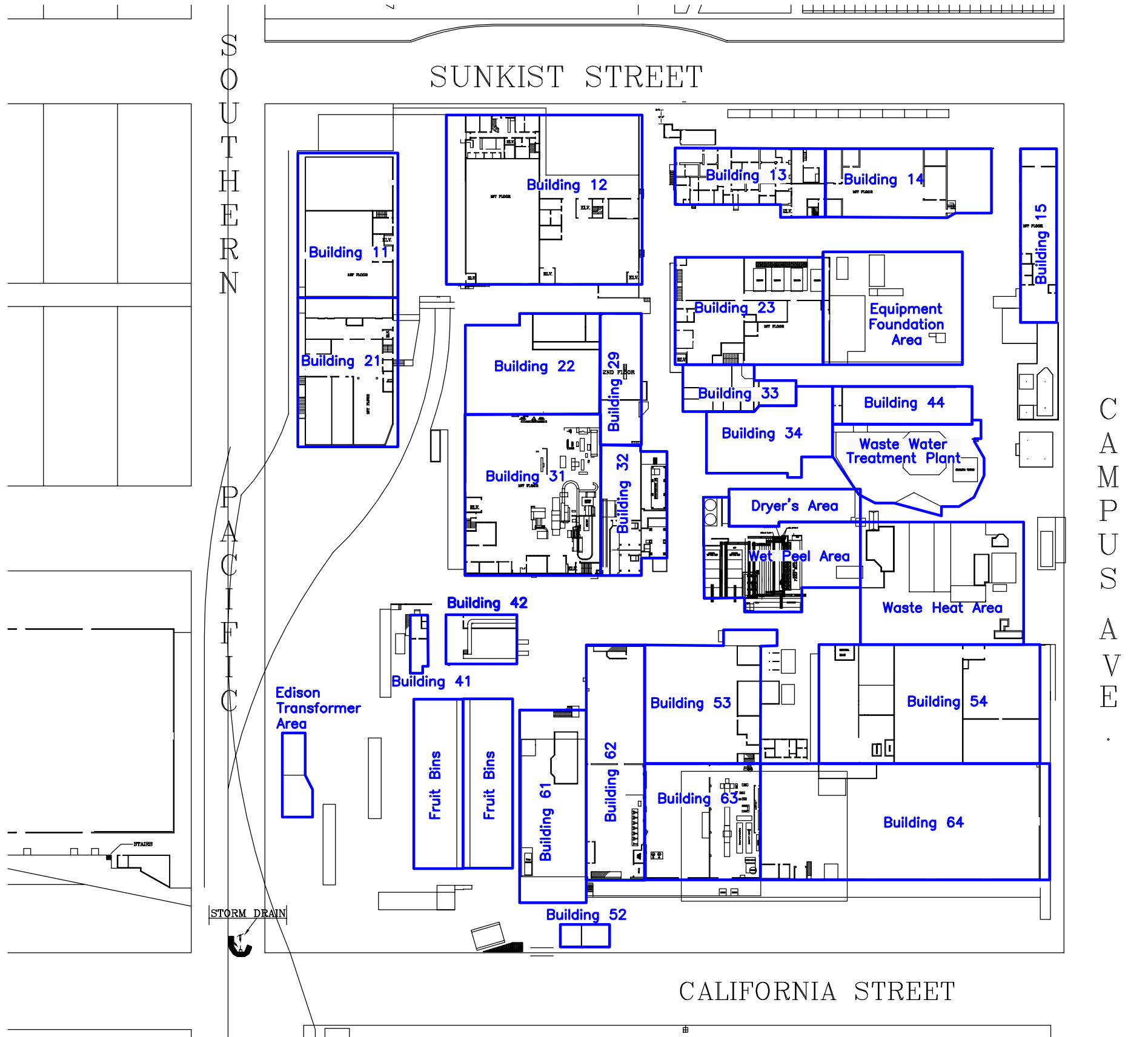
SITE LOCATION MAP

SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

Project No.
08010001

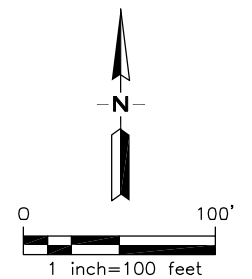
Figure
1

7/30/2009 12:21PM 08010001-14.dwg



LEGEND

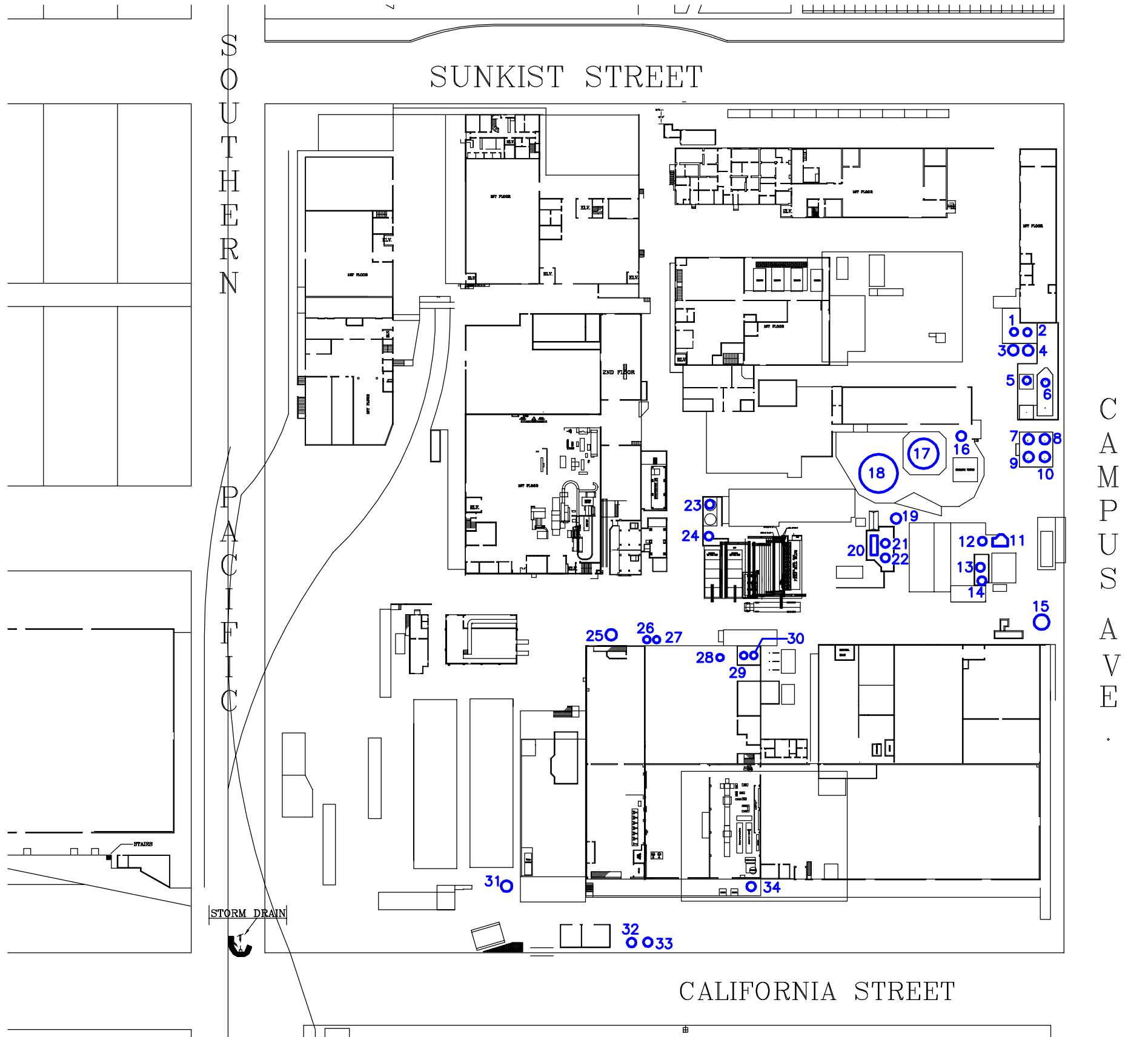
 Operational Area



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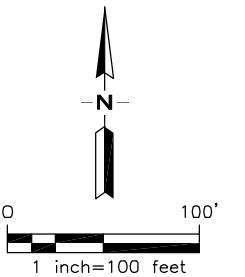
OPERATIONAL AREAS
SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California


Project No. 08010001	Figure 2
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LEGEND

○ Storage Tank Location



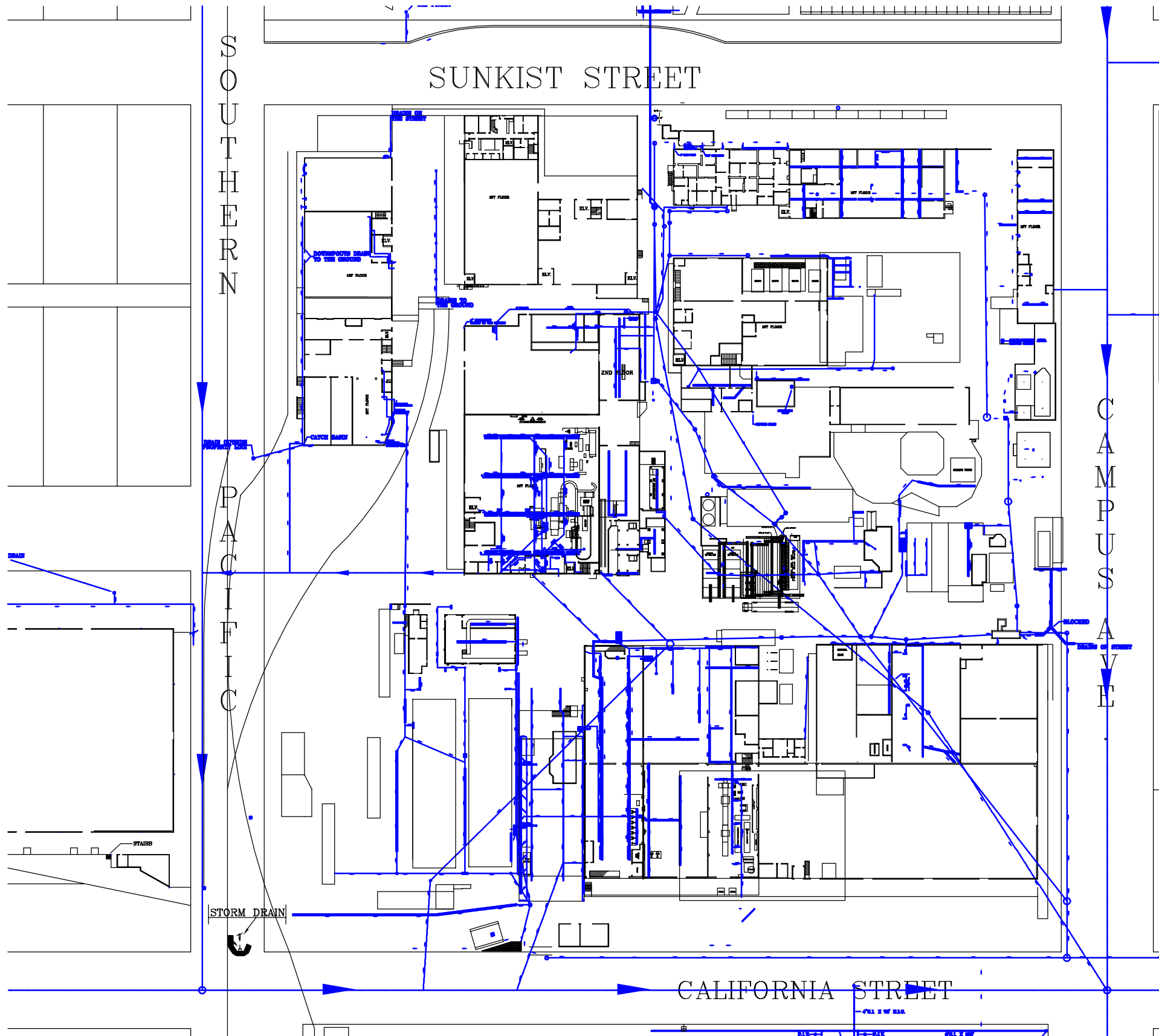


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TANK LOCATIONS
SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

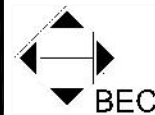
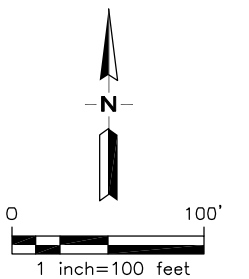
Project No. 08010001	Figure 3
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7/27/2009 5:15PM 08010001-16.dwg



LEGEND

Storm Drain or Sewer System



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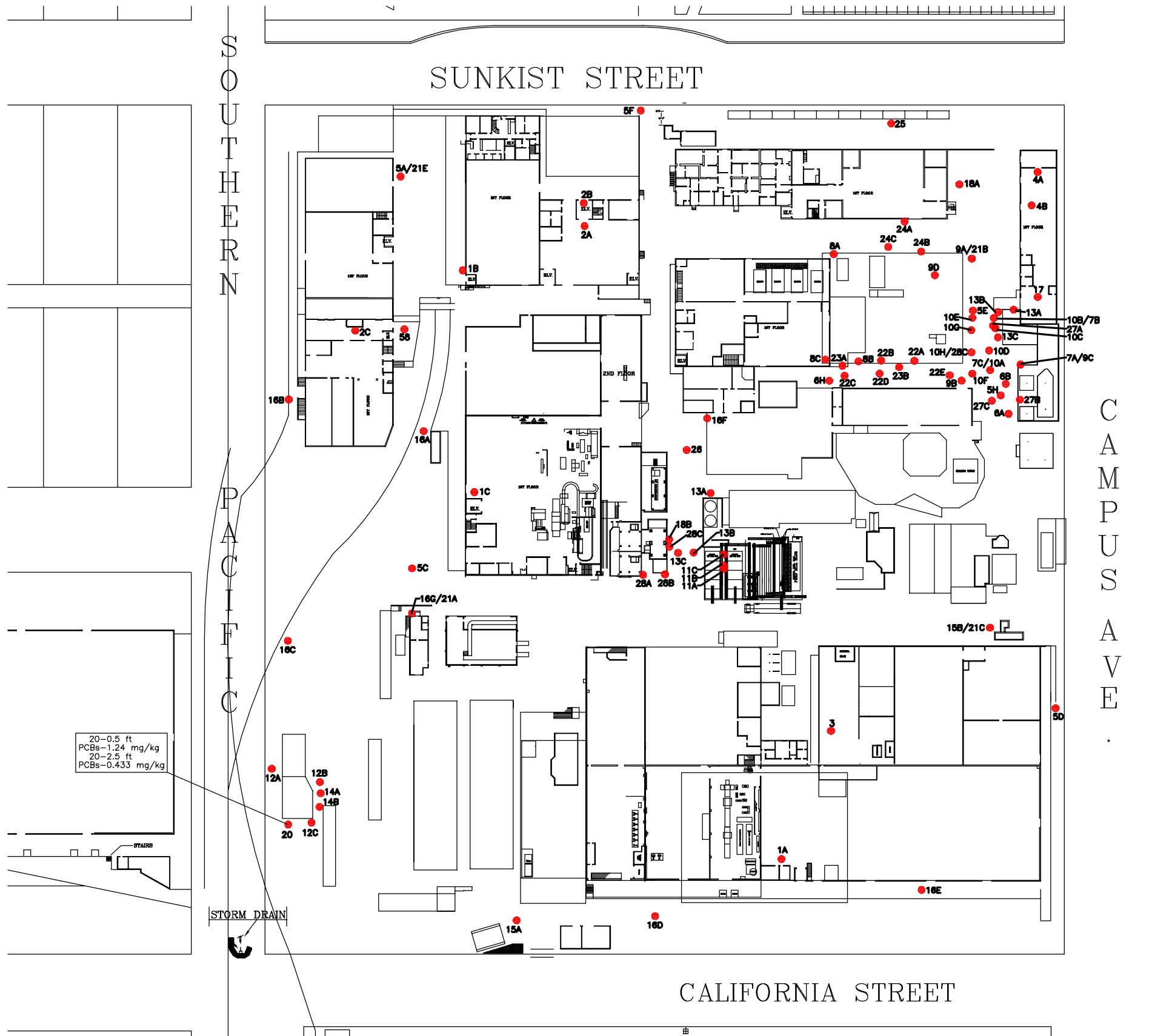
SUBSURFACE DRAINAGE SYSTEM

SUNKIST CITRUS PROCESSING PLANT
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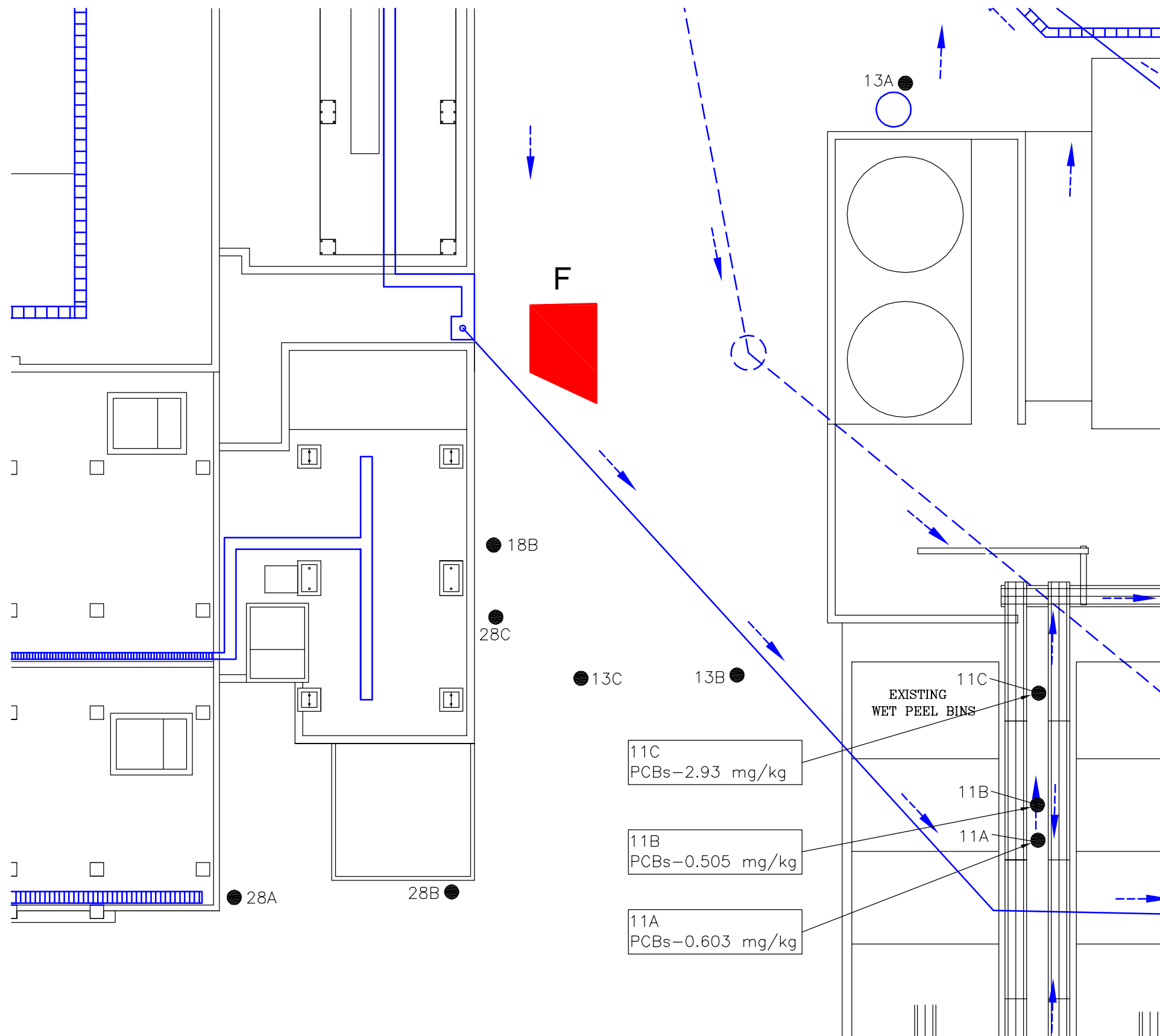
Project No.
08010001

Figure
4


7/30/2009 12:10PM 08010001-06.dwg



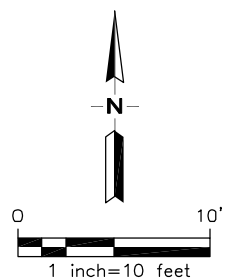
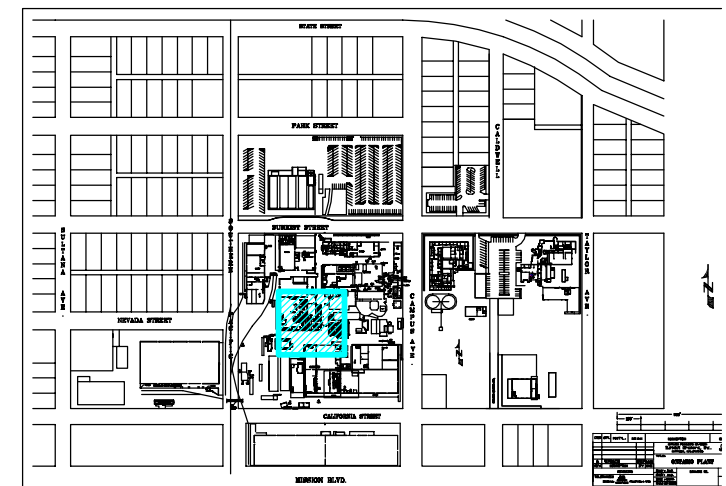
7/31/2009 12:36PM 08010001-08.dwg



LEGEND

- 18B ● Previously Installed Soil Boring Location and Designation
-  F Geophysical Anomaly Location and Designation

KEY MAP

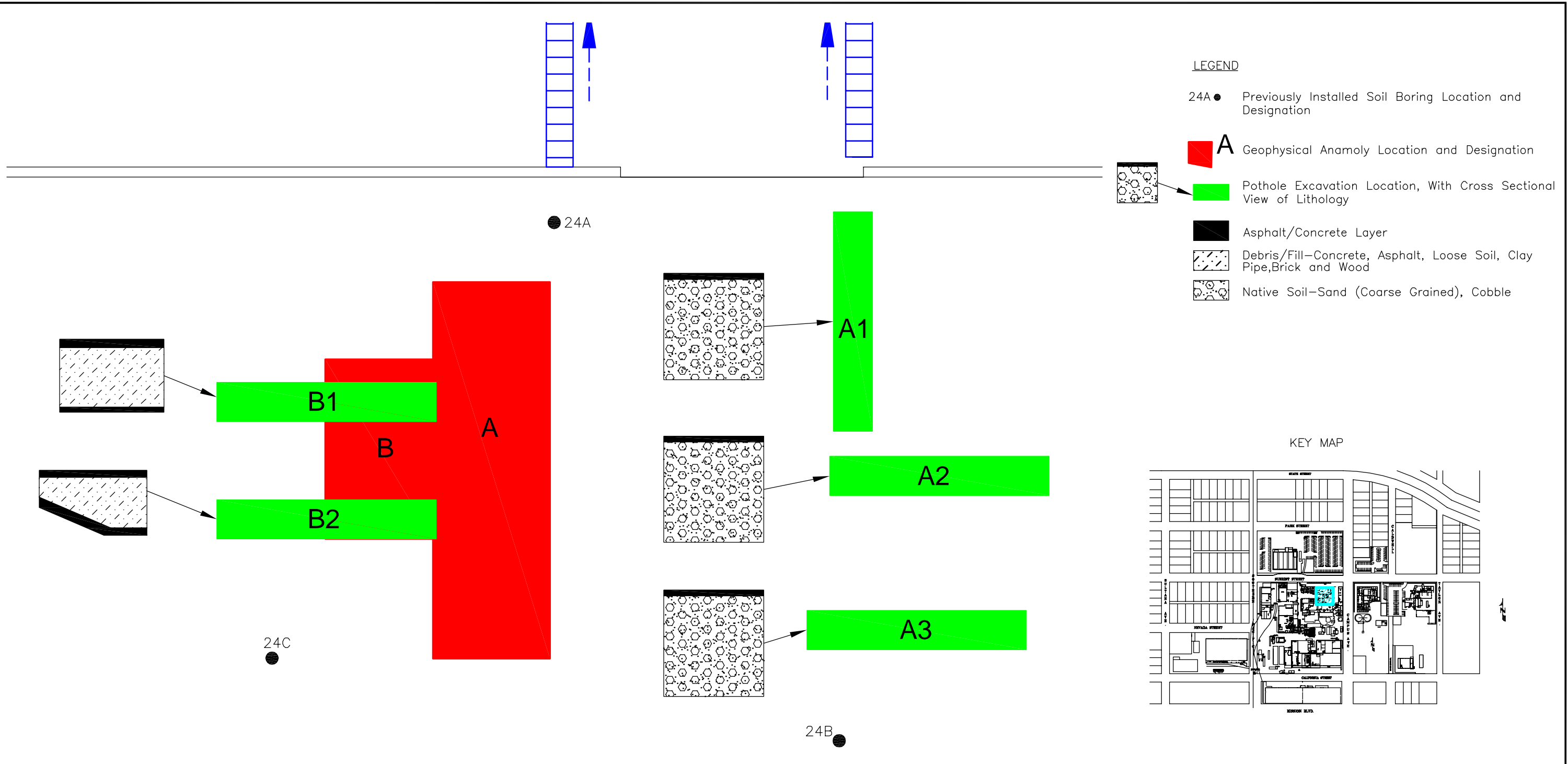


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COMPOSITED AREAS AND GEOPHYSICAL ANOMOLIES - CENTRAL AREA
SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

Project No. 08010001	Figure 6
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7/31/2009 9:39AM 08010001-17.dwg



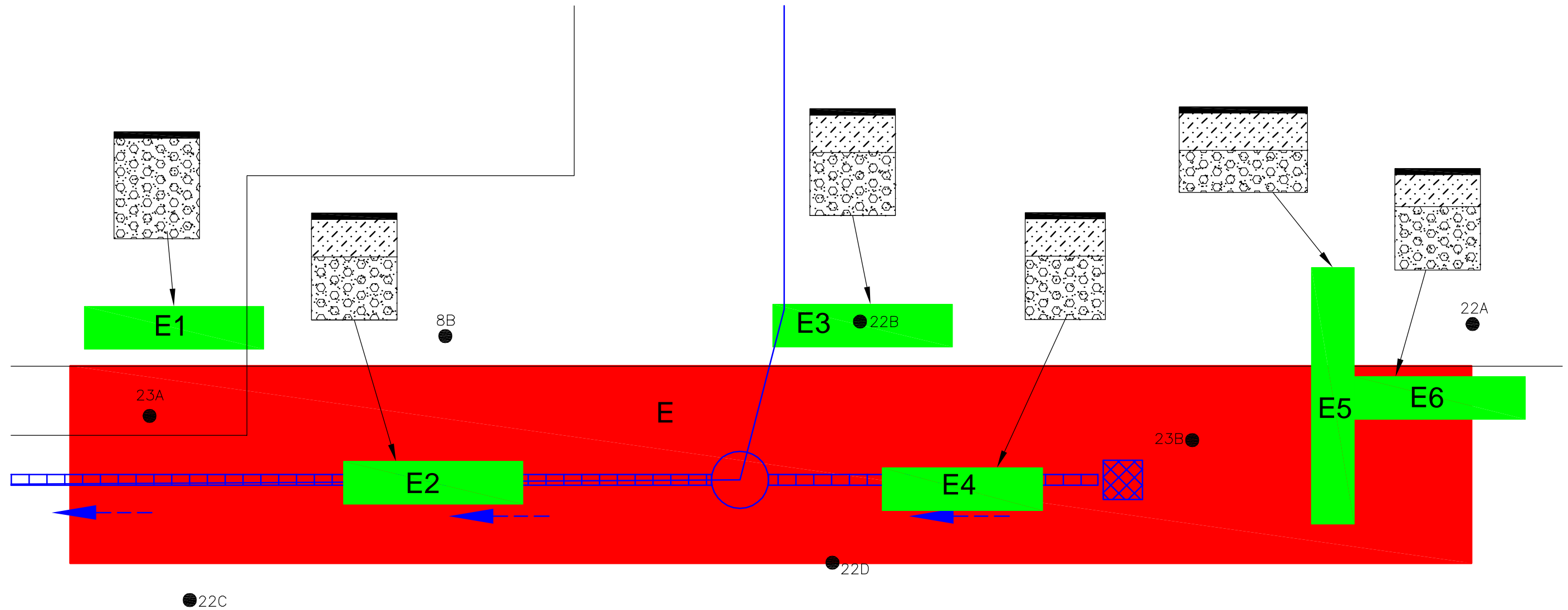
Note:
Cross sectional views are scaled at approximately 50%
of plan view scale.

	BEC 16458 Bolsa Chica Street, #422 Huntington Beach, CA 92649 Tel. (877) 232-4620 Fax (714) 840-4963	POTHOLES IN AREA A AND B SUNKIST CITRUS PROCESSING PLANT 616 East Sunkist Street, Ontario, California	Project No. 08010001	Figure 8
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Figure 9

7/31/2009 12:31PM 08010001-19.dwg



LEGEND


24A ● Previously Installed Soil Boring Location and Designation

 E Geophysical Anomaly Location and Designation

 Pothole Excavation Location, With Cross Sectional View of Lithology

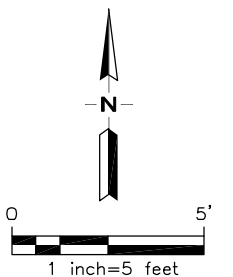
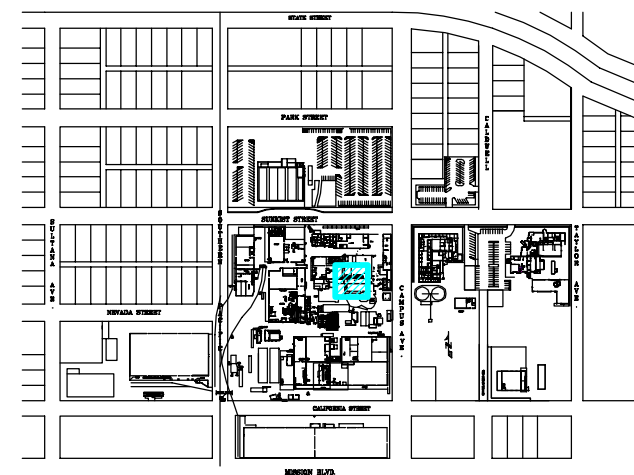
 Asphalt/Concrete Layer

 Debris/Fill—Concrete, Asphalt, Loose Soil, Clay Pipe, Brick and Wood

 Native Soil—Sand (Coarse Grained), Cobble

Note:
Cross sectional views are scaled at approximately 50%
of plan view scale.

KEY MAP



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POTHOLES IN AREA E
SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

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Figure
10

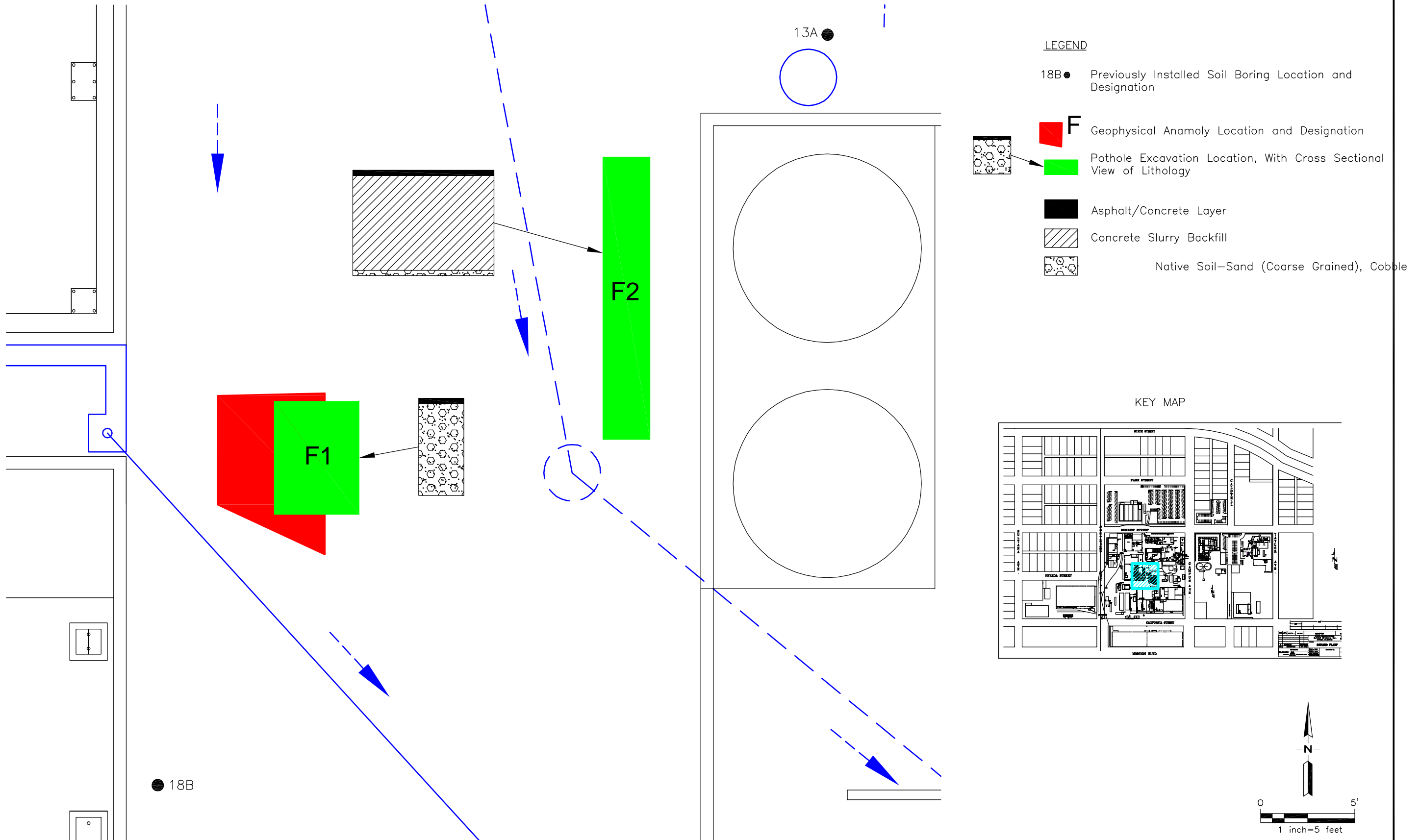
7/31/2009 12:29PM 08010001-20.dwg

Note:
Cross sectional views are scaled at approximately 50%
of plan view scale.

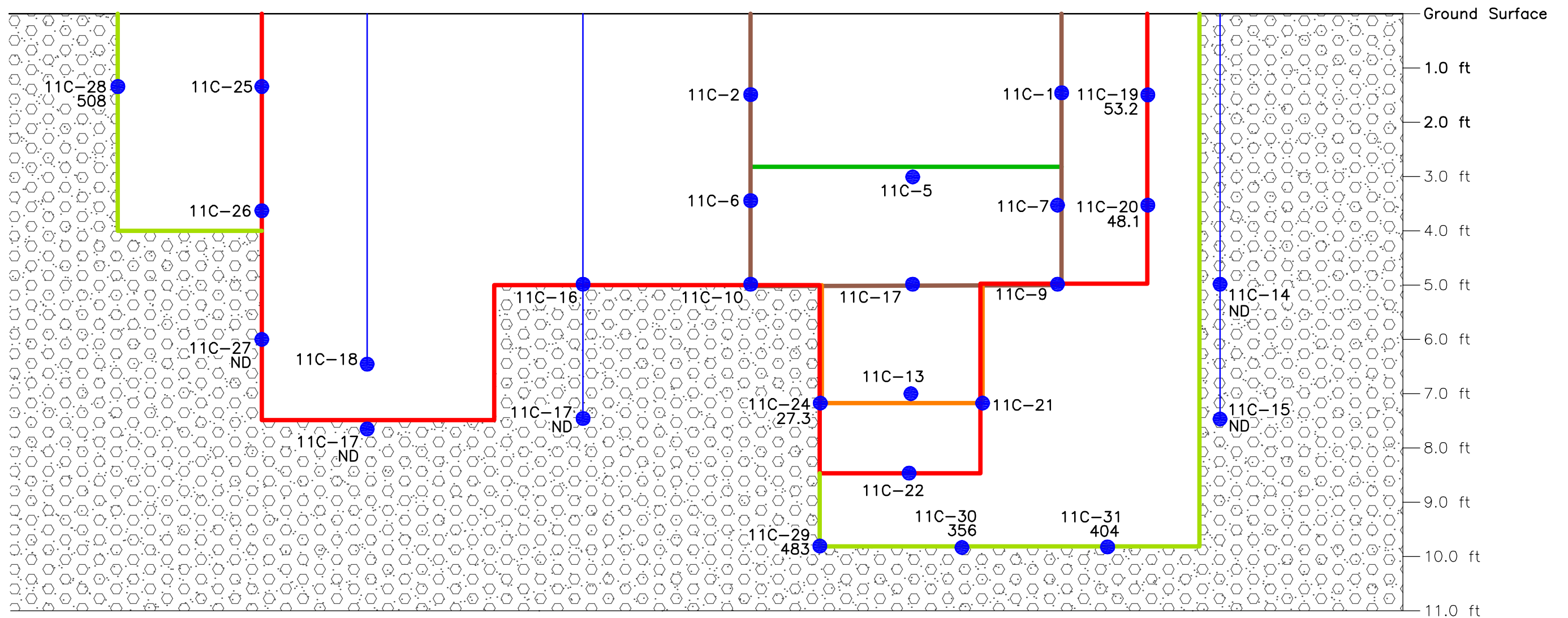
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POTHOLES IN AREA F
SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

Project No. 08010001	Figure 11
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08010001-25.dwg 7/31/2009 1:47PM



LEGEND

- 11C-20 53.2 ● Soil Sampling Locations and Results at Furthest Extent of Excavation (See Table 3 for Results)
- Soil Excavation No. 1 to 3.0 ft (April 24, 2009)
- Soil Excavation No. 2 to 5.0 ft (May 9, 2009)
- Soil Excavation No. 3 to 7.0 ft (May 21, 2009)
- Soil Excavation No. 4 to 8.5 ft (June 2, 2009)
- Soil Excavation No. 5 to 10.0 ft (June 11, 2009)
- Native Soil—Sand (Coarse Grained), Cobble

Notes:

1. PCBs = Polychlorinated Bipenyls
2. All PCB results are in milligrams per kilogram (mg/kg).

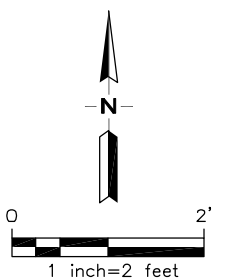


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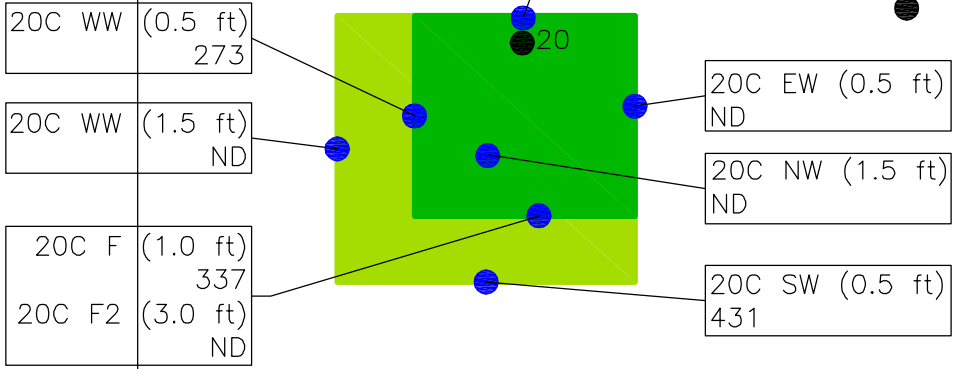
CROSS SECTION OF EXCAVATIONS
IN AREA 11
SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

Project No.
08010001

Figure
13



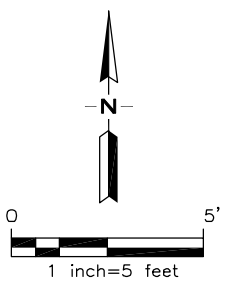
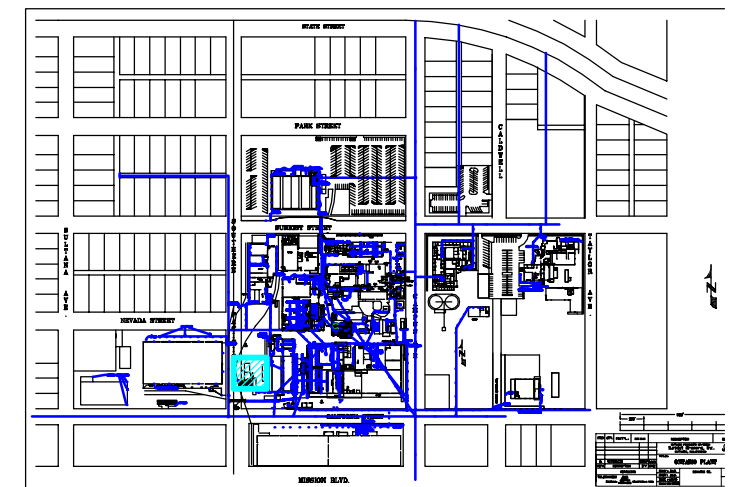
7/31/2009 3:09PM



LEGEND

- Boring Location
- 20C NW (0.5 ft) ● Soil Sampling Locations
ND (Excavated—See Table 4 for Results and
Sampling Depths)
- Soil Excavation No. 1 to 1.0 ft (April 24, 2009)
- Soil Excavation No. 2 to 3.0 ft (May 7, 2009)

KEY MAP



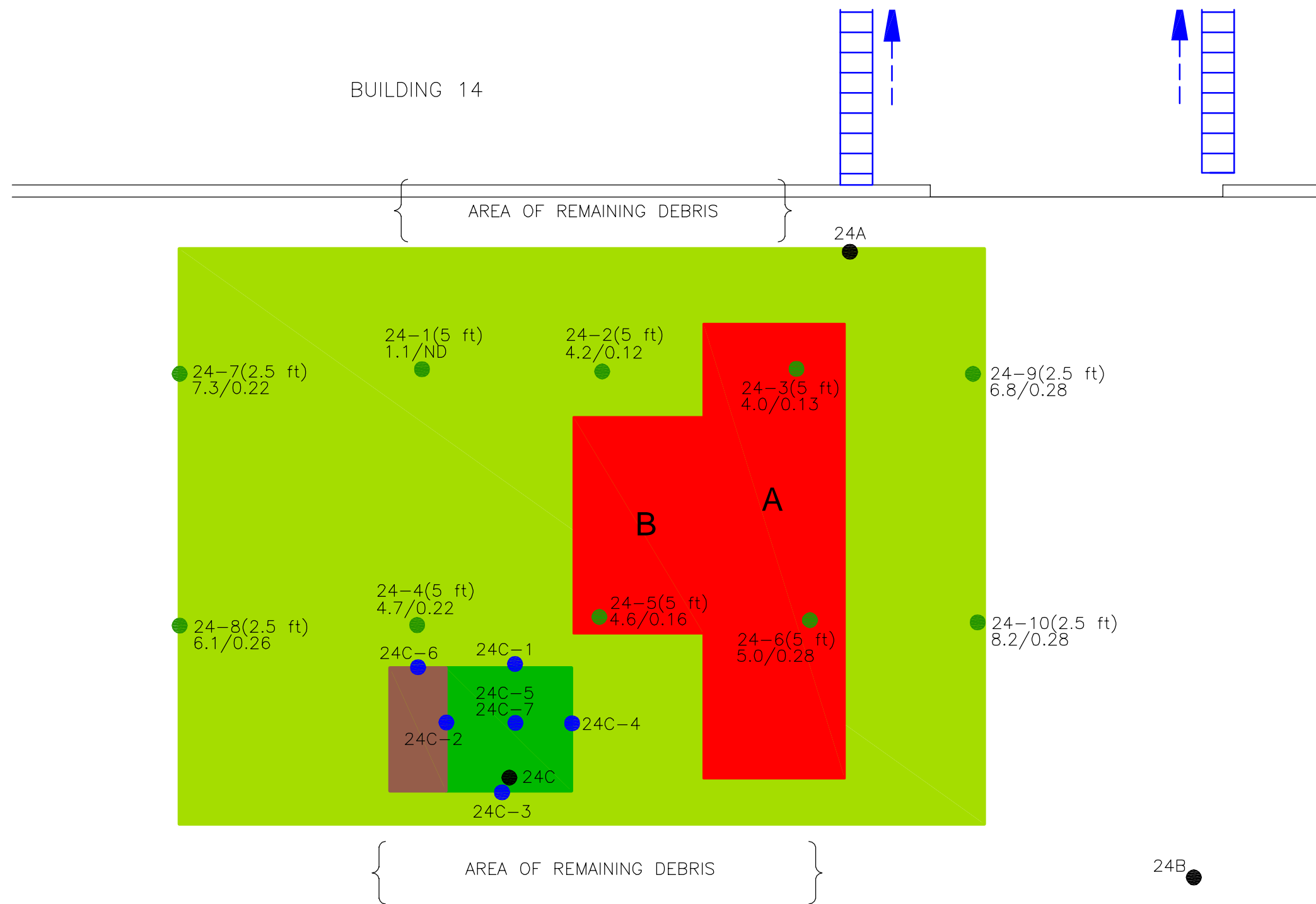
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EXCAVATION AREAS AND PCB RESULTS IN AREA 20

SUNKIST CITRUS PROCESSING PLANT
616 East Sunkist Street, Ontario, California

Project No.
08010001

Figure 14



BUILDING 14

AREA OF REMAINING DEBRIS

24A

AREA OF REMAINING DEBRIS

EQUIPMENT FOUNDATION AREA

24B

LEGEND

24A ● Previously Installed Soil Boring Location and Designation

24C-3 • Soil Sampling Locations
(Excavated—See Table 5 for Results and
Sampling Depths)

24-4(0.5 ft) ● Soil Sampling Locations
Total/Soluble (Excavated—See Table 5 for Results and
Sampling Depths)

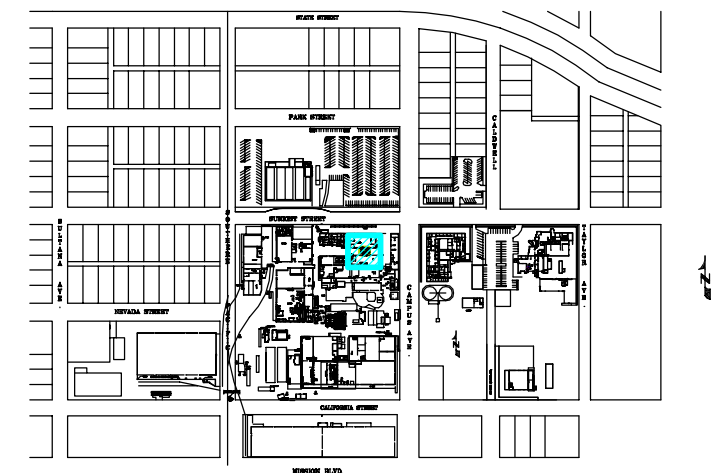
A Geophysical Anomaly Location and Designation

Soil Excavation No. 1 to 1.0 ft (April 23, 2009)

Soil Excavation No. 2 to 3.0 ft (May 7, 2009)


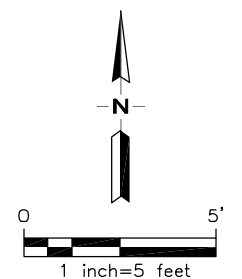
Soil Excavation No. 3 to 5.0 ft (June 10, 2009)

KEY MAP



Notes:

1. All total lead results are in milligrams per kilogram ($\mu\text{g}/\text{kg}$).
2. All soluble lead results are in milligrams per liter (mg/l).



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EXCAVATION AREAS AND LEAD RESULTS IN AREA 24

SUNKIST CITRUS PROCESSING PLANT

616 East Sunkist Street, Ontario, California

Project No.
08010001

Figure
15

Tables

Table 1 Tank Summary
Former Sunkist Citrus Plant
Ontario, California

Number	Tank Capacity	Location*	Contents/Use	Location
1	6,000	AST - In Contact with ground	Phosphoric acid	South of Building 15 along Campus st.
2	6,000	AST - In Contact with ground	Phosphoric acid	South of Building 15 along Campus st.
3	11,000	AST - In Contact with ground	Waste water	South of Building 15 along Campus st.
4	11,000	AST - In Contact with ground	Waste water	South of Building 15 along Campus st.
5	11,000	AST - In Contact with ground	Waste water/Effluent holding (outbound waste water)	South of Building 15 along Campus st.
6	11,000	AST - In Contact with ground	Waste water/Effluent holding (outbound waste water)	South of Building 15 along Campus st.
7	20,000	AST - In Contact with ground	Citrus peel liquor	South of Building 15 along Campus st.
8	20,000	AST - In Contact with ground	Citrus peel liquor	South of Building 15 along Campus st.
9	20,000	AST - In Contact with ground	Citrus peel liquor	South of Building 15 along Campus st.
10	20,000	AST - In Contact with ground	Citrus peel liquor	South of Building 15 along Campus st.
11	10,000	AST - In Contact with ground	Phosphoric acid	North of Building 54
12	10,000	AST - In Contact with ground	Condensate water tank	North of Building 54
13	5,000	AST - In Contact with ground	Spent caustic	North of Building 54
14	5,000	AST - In Contact with ground	Spent caustic	North of Building 54
15	6,000	AST - In Contact with ground	Waste water	North of Building 54
16	22,735	AST - In Contact with ground	Sludge	Waste water treatment area
17	150,000	AST - In Contact with ground	Waste water/Equalization (waste water system)	Waste water treatment area
19	745	AST - In Contact with ground	Water supply	South of waste water treatment area
20	10,000	AST - In Contact with ground	Caustic blend (3%)	South of waste water treatment area
21	6,300	AST - In Contact with ground	Caustic blend (3%)	South of waste water treatment area
22	9,000	AST - In Contact with ground	Caustic (30%)	South of waste water treatment area
23	17,500	AST - In Contact with ground	Spent caustic	Near wet peel area
24	10,000	AST - In Contact with ground	Lime	Near wet peel area
25	6,500	AST - In Contact with ground	Spent caustic	North of Building 53
26	2,500	AST - In Contact with ground	Condensate water	North of Building 53
27	5,000	AST - In Contact with ground	Soap	North of Building 53
28	2,500	AST - In Contact with ground	Citrus oil	North side of Building 53
29	2,000	AST - In Contact with ground	Caustic blend (3%)	North side of Building 53
30	4,000	AST - In Contact with ground	Caustic blend (3%)	North side of Building 53
31	50,000	AST - In Contact with ground	Juice	Southwest of Building 53
32	10,000	AST - In Contact with ground	Sugar	South of Building 53
33	10,000	AST - In Contact with ground	Sugar	South of Building 53
34	10,000	AST - In Contact with ground	Juice	South of Building 53
35	1,725	UST - In concrete vault	Ammonia	

Notes: 1. See Figure 3 for site plan with tank location
2. AST = Above Ground Storage Tank
3. UST = Below Ground Storage Tank

Table 2 *Summary of Pothole Excavations*
Former Sunkist Citrus Plant
Ontario, California

Anomously Area	Pothole Designation	Total Depth (ft)	Dimensions (ft) (north-south/east-west)	Key Findings
A	A1	10.00	10/2	No fill, native soil.
A	A2	10.00	2/10	No fill, native soil.
A	A3	10.00	2/10	No fill, native soil.
B	B1	6.00	2/10	Debris (concrete, asphalt, loose soil, clay pipe, brick and wood) present to depth of 6 feet. Underlain by a concrete slab.
B	B2	5.5	2/10	Debris (concrete, asphalt, loose soil, clay pipe, brick and wood) present to depth of 6 feet. Underlain by a concrete slab, that slopes downward from west to east.
C	C1	10.0	2/8.5	No fill, native soil. Soil has dark color.
D	D1	10.0	9.5/2	No fill, native soil.
E	E1	10.0	2/10	No fill, native soil.
E	E2	10.0	2/10	Debris (loose soil, wood, rock) present to depth of 3.5 feet. Underlain by native soil.
E	E3	10.0	2/10	Debris (loose soil, wood, rock) present to depth of 3.5 feet. Underlain by native soil.
E	E4	10.0	2/10	Debris (loose soil, wood, rock) present to depth of 3.5 feet. Wood appears to be old railroad ties. Underlain by native soil.
E	E5	8.0	12/2	Debris (loose soil, wood, rock) present to depth of 3.5 feet. Wood and metal rails associated with old railroad ties. Underlain by native soil.
E	E6	9.5	2/8	Debris (loose soil, wood, rock) present to depth of 3.0 feet. Underlain by native soil.
F	F1	10.0	6/4	No fill, native soil.
F	F2	11.2	15/2.5	Slurry backfill present to depths of approximately 11 feet. Underlain by native soil.

Notes:

mg/kg = Milligrams per kilograms

NA = Not Analyzed

ND <0.1 Not Detected at the Listed Concentration

NA = Not Analyzed

Bold = Final Confirmation Samples at the Furthest Extent of Excavation

Table 3
Soil Sample Results - Pothole Area C
Former Sunkist Citrus Plant
Ontario, California

Total Metals

Sample ID	Depth (ft)	Date Sampled	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
C1	1.0	24-Apr-09	ND <10	1.30	48.7	ND <1	ND <1	12.9	8.9	10.9	4.7	ND <0.1	ND <5	11.9	ND <0.5	ND <2.5	ND <2.5	20.4	40.5

Total Petroleum Hydrocarbons

Sample ID	Depth (ft)	Date Sampled	Total Petroleum Hydrocarbons		
			Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
C1	1.0	24-Apr-09	ND <0.1	ND <5	ND <25

Notes:

mg/kg = Milligrams per kilograms
ND <0.1 Not Detected at the Listed Concentration

Table 4

Soil Sample Results - Area 11C
Former Sunkist Citrus Plant
Ontario, California

Figure ID	Laboratory Sample ID	Depth (ft)	Date Sampled	PCB-1016 (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)	pH
11C-1	C11 NW	1.75	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	966	ND <25	NA
11C-2	C11 SW	1.75	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	201	ND <25	NA
11C-3	C11 EW	1.75	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	NA
11C-4	C11 WW	1.75	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	81.2	ND <25	NA
11C-5	C11 F	3.5	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	230	ND <25	NA
11C-6	11C SW2	3.50	07-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	601	ND <25	NA
11C-7	11C NW2	3.50	07-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	458	ND <25	NA
11C-8	11C F2	5.0	07-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	459	ND <25	NA
11C-9	11C NW3	5.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.35
11C-10	11C SW3	5.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.38
11C-11	11C WW3	5.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.25
11C-12	11C EW3	5.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.48
11C-13	11C F3	7.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	148	ND <25	6.28
11C-14	11C B1 5.0 ft	5.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.35
11C-15	11C B1 7.5 ft	7.5	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.32
11C-16	11C B2 5.0 ft	5.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.34
11C-17	11C B2 7.0 ft	7.0	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	6.38
11C-18	11C B3 6.5 ft	6.5	21-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	93.9	ND <25	6.29
11C-19	NW4 1.5 ft	1.5	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	53.2	ND <25	NA
11C-20	NW5 3.5 ft	3.5	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	48.1	ND <25	NA
11C-21	NW6 7.0 ft	7.0	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	1160	ND <25	NA
11C-22	F4 8.5 ft	8.5	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	125	ND <25	NA
11C-23	F5 7.5 ft	7.5	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	NA
11C-24	SW4 7.0 ft	7.0	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	27.3	ND <25	NA
11C-25	SW 5 1.5 ft	1.5	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	2150	ND <25	NA
11C-26	Sw6 3.5 ft	3.5	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	NA
11C-27	SW7 6.0 ft	6.0	02-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25	NA
11C-28	SW8 1.5 ft	1.5	11-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	508	ND <25	NA
11C-29	F6 10 ft	10.0	11-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	483	ND <25	NA
11C-30	F7 10ft	10.0	11-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	356	ND <25	NA
11C-31	F8 10 ft	10.0	11-Jun-09	ND <25	ND <50	ND <25	ND <25	ND <25	404	ND <25	NA
CHHSL Commercial/Industrial				300	300	300	300	300	300	300	NA
CHHSL Residential				89	89	89	89	89	89	89	NA
PRG Industrial				21,000	620	620	740	740	740	740	NA
PRG Residential				3,900	170	170	220	220	220	220	NA

Notes:

ug/kg = Micrograms per kilograms

NA = Not Analyzed

ND <0.1 Not Detected at the Listed Concentration

NA = Not Analyzed

Bold = Final Confirmation Samples at the Furthest Extent of Excavation

CHHSL= California's Human Health Screening Level

PRG= USEPA Region IX Preliminary Remediation Goal

Table 5

Soil Sample Results - Area 20
Former Sunkist Citrus Plant
Ontario, California

Sample ID	Depth (ft)	Date Sampled	PCB-1016 (ug/kg)	PCB-1221 (ug/kg)	PCB-1232 (ug/kg)	PCB-1242 (ug/kg)	PCB-1248 (ug/kg)	PCB-1254 (ug/kg)	PCB-1260 (ug/kg)
20C NW	0.5	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25
20CSW	0.5	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	431
20C EW	0.5	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25
20C WW	0.5	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	273
20C F	1.0	24-Apr-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	337
20C SW 2	1.6	07-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25
20C WW 2	1.5	07-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25
20C F2	3.0	07-May-09	ND <25	ND <50	ND <25	ND <25	ND <25	ND <25	ND <25
CHHSL Commercial/Industrial			300	300	300	300	300	300	300
CHHSL Residential			89	89	89	89	89	89	89
PRG Industrial			21,000	620	620	740	740	740	740
PRG Residential			3,900	170	170	220	220	220	220

Notes:

PCB = Polychlorinated Biphenols
 ug/kg = Micrograms per kilograms
 ND <25 Not Detected at the Listed Concentration
Bold = Final Confirmation Samples at the Furthest Extent of Excavation
 CHHSL = California's Human Health Screening Level
 PRG = USEPA Region IX Preliminary Remediation Goal

Table 6 **Soil Sample Results - Area 24**
Former Sunkist Citrus Plant
Ontario, California

Figure ID	Filed/Laboratory Sample ID	Depth	Date Sampled	Total Lead (mg/kg)	STLC Lead (mg/l)	TCLP Lead (mg/l)	pH	Total Petroleum Hydrocarbons		
								Gasoline (mg/kg)	Diesel (mg/kg)	Oil (mg/kg)
24C-1	24C NW	0.5	23-Apr-09	375	19.2	NA	6.45	NA	NA	NA
24C-2	24C WW	0.5	23-Apr-09	50.6	5.05	NA	6.25	NA	NA	NA
24C-3	24C SW	0.5	23-Apr-09	70.6	4.23	NA	6.42	NA	NA	NA
24C-4	24C EW	0.5	23-Apr-09	20.7	1.06	NA	6.55	NA	NA	NA
24C-5	24C F	1.0	23-Apr-09	236	18.9	NA	6.31	NA	NA	NA
24C-6	24C NW 2	1.5	07-May-09	75	6.3	NA	6.34	NA	NA	NA
24C-7	24C F2	3.0	07-May-09	168	10.5	NA	6.38	NA	NA	NA
24-1	24 F1	5.0	10-Jun-09	1.1	ND	NA	NA	ND <0.1	ND<5	ND<25
24-2	24 F2	5.0	10-Jun-09	4.2	0.12	NA	NA	ND <0.1	ND<5	ND<25
24-3	24 F3	5.0	10-Jun-09	4	0.13	NA	NA	ND <0.1	ND<5	ND<25
24-4	24 F4	5.0	10-Jun-09	4.7	0.22	NA	NA	ND <0.1	ND<5	ND<25
24-5	24 F5	5.0	10-Jun-09	4.6	0.16	NA	NA	ND <0.1	ND<5	ND<25
24-6	24 F6	5.0	10-Jun-09	5.0	0.28	NA	NA	ND <0.1	ND<5	ND<25
24-7	WW 1	2.5	10-Jun-09	7.3	0.22	NA	NA	ND <0.1	ND<5	ND<25
24-8	WW 2	2.5	10-Jun-09	6.1	0.26	NA	NA	ND <0.1	ND<5	ND<25
24-9	EW 1	2.5	10-Jun-09	6.8	0.28	NA	NA	ND <0.1	ND<5	ND<25
24-10	EW 2	2.5	10-Jun-09	8.2	0.28	NA	NA	ND <0.1	ND<5	ND<25

CHHSL Commercial/Industrial	3,500	NA	NA	NA	NA	NA	NA
CHHSL Residential	150	NA	NA	NA	NA	NA	NA
CHHSL Commercial/Industrial - Proposed	320	NA	NA	NA	NA	NA	NA
CHHSL Residential - Proposed	80	NA	NA	NA	NA	NA	NA
PRG Industrial	100	NA	NA	NA	NA	NA	NA
PRG Residential	400	NA	NA	NA	NA	NA	NA

Notes:

STLC = Soluble Threshold Limit Concentration

TCLP = Toxicity Characterization Leaching Potential

mg/kg = Milligrams per kilograms

mg/l = Milligrams per Literrams

NA = Not Analyzed

ND <0.1 Not Detected at the Listed Concentration

Bold = Final Confirmation Samples at the Furthest Extent of Excavation

CHHSL= California's Human Health Screening Level

PRG= USEPA Region IX Preliminary Remediation Goal

Appendix A

Laboratory Results – Discrete Samples Prior Investigation

Enviro - Chem, Inc.**1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907**

Date: March 12, 2009

Mr. Greg Middleton
Leighton Consulting, Inc.
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

Project No: 602315-002 GKM
Lab I.D.: 081021-13 through -33

Dear Mr. Middleton:

The additional TPH-CCID & Pb results for the soil samples, received by our lab on October 21, 2008, are attached. The samples were received chilled, intact, accompanying chain of custody and also stored per the EPA protocols.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,




Curtis Desilets
Vice President/Program Manager



Jesse Tu, Ph.D.
Laboratory Manager

Enviro - Chem, Inc.**1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907****LABORATORY REPORT****CUSTOMER: Leighton Consulting****10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730****Tel (909) 484-2205 Fax (909) 484-2170****PROJECT No: 602315-002 GKM****DATE RECEIVED: 10/21/08****MATRIX: SOIL****DATE EXTRACTED: 03/10/09****SAMPLING DATE: 10/20/08****DATE ANALYZED: 03/10/09****REPORT TO: Mr. GREG MIDDLETON****DATE REPORTED: 03/12/09****TOTAL PETROLEUM HYDROCARBONS (TPH) - CARBON CHAIN ANALYSIS****METHOD: EPA 8015B****UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM**

SAMPLE I.D.	LAB I.D.	C4-C10	C11-C22	C23-C35	DF
DP-24A-0.5	081021-18	ND	ND	ND	1
DP-24B-0.5	081021-23	ND	ND	ND	1
DP-24C-0.5	081021-33	ND	ND	3830	20
METHOD BLANK		ND	ND	ND	1
	MDL	5	5	25	
	PQL	10	10	50	

COMMENTS**C4-C10 = GASOLINE RANGE****C11-C22 = DIESEL RANGE****C23-C35 = MOTOR OIL RANGE****DF = DILUTION FACTOR****MDL = METHOD DETECTION LIMIT****PQL = PRACTICAL QUANTITATION LIMIT****J = TRACE CONCENTRATION BETWEEN MDL AND PQL****ACTUAL DETECTION LIMIT = DF X PQL****ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT****Data Reviewed and Approved by: ****CAL-DHS ELAP CERTIFICATE No.: 1555**

Enviro - Chem, Inc.**1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907****LABORATORY REPORT**

CUSTOMER: **Leighton Consulting**
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT No: 602315-002 GKM

MATRIX: SOILDATE RECEIVED: 10/21/08SAMPLING DATE: 10/20/08DATE ANALYZED: 03/10/09REPORT TO: Mr. GREG MIDDLETONDATE REPORTED: 03/12/09

SAMPLE I.D.: DP-24A-0.5

LAB I.D.: 081021-18

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS**UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM**

ELEMENT ANALYZED	SAMPLE RESULT	PQL	MDL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Lead(Pb)	41.4	0.5	0.192	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

MDL = Method Detection Limit

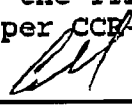
PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

Actual Detection Limit = PQL X DF

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

* = STLC analysis for the metal is recommended (if marked)*** = The concentration exceeds the TTLC Limit, and the sample is
defined as hazardous waste as per CCR-TITLE 22 (if marked)Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.**1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907****LABORATORY REPORT**

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT No: 602315-002 GKM**MATRIX:** SOIL**DATE RECEIVED:** 10/21/08**SAMPLING DATE:** 10/20/08**DATE ANALYZED:** 03/10/09**REPORT TO:** Mr. GREG MIDDLETON**DATE REPORTED:** 03/12/09**SAMPLE I.D.:** DP-24B-0.5**LAB I.D.:** 081021-23**TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS****UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM**

ELEMENT ANALYZED	SAMPLE RESULT	PQL	MDL	DF	TTLT LIMIT	STLC LIMIT	EPA METHOD
Lead(Pb)	2.78	0.5	0.192	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

Actual Detection Limit = PQL X DF

TTLT = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

* = STLC analysis for the metal is recommended (if marked)

*** = The concentration exceeds the TTLT Limit, and the sample is defined as hazardous waste as per CCR/TITLE 22 (if marked)

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.**1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907****LABORATORY REPORT**

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT No: 602315-002 GKM

MATRIX: SOIL

DATE RECEIVED: 10/21/08

SAMPLING DATE: 10/20/08

DATE ANALYZED: 03/10/09

REPORT TO: Mr. GREG MIDDLETON

DATE REPORTED: 03/12/09

SAMPLE I.D.: DP-24C-0.5

LAB I.D.: 081021-33

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	MDL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Lead (Pb)	234 *	0.5	0.192	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

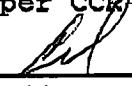
Actual Detection Limit = PQL X DF

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

* = STLC analysis for the metal is recommended (if marked)

*** = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

From: Curtis Desilets [curt@enviro-chemlab.com]
Sent: Monday, March 09, 2009 3:22 PM
To: jessica.lin@enviro-chemlab.com
Subject: FW: Discrete sample analysis

Please proceed.

Curtis Desilets
 Senior Vice President
 Enviro-Chem, Inc.
 (909) 590-5905

-----Original Message-----

From: Gregory Middleton [mailto:gmiddlet@leightongroup.com]
Sent: Monday, March 09, 2009 3:07 PM
To: curt@enviro-chemlab.com
Cc: Zachary Freeman
Subject: FW: Discrete sample analysis

Curt,

If possible can we get the discrete analysis run on the following samples that collected back in October of 2008? They were collected as a part of our Project Number 602315-002 (Ontario Sunkist)

Leighton ID	Lab ID	No of Discrete Samples	Analyses to be Performed	
	DP-24C-0.5 = 081021-33			
C024-0.5	081021-18, 23, 33 DP-24B-0.5 = 081021-18 DP-24A-0.5 = 081021-23	3	Lead - TTLC-Solid/Soil	TPH - Carbon chain- EPA 8015B
C-11-2.5	08009-46, 48, 50	3	PCBs - EPA 8082	

We've finally received the authorization from the City to proceed.

Greg K. Middleton, PG., CHG.

Senior Project Geologist
 10532 Acacia St. Suite B-6
 Rancho Cucamonga, CA 91730
 909 527 - 8783 "office"
 951 500 - 3500 "cell"
 909 484 - 2170 "fax"

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Checked by AVG.

Version: 7.5.557 / Virus Database: 270.11.9/1991 - Release Date: 3/9/2009 7:14 AM

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: March 13, 2009

Mr. Greg Middleton
Leighton Consulting, Inc.
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

Project No: 602315-002 GKM
Lab I.D.: 081009-38 through -52

Dear Mr. Middleton:

The additional PCBs results for the soil samples, received by our lab on October 9, 2008, are attached. The samples were received chilled, intact, accompanying chain of custody and also stored per the EPA protocols.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manger



Jesse Tu, Ph.D.
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT No: 602315-002 GKM

DATE RECEIVED: 10/09/08

MATRIX: SOIL

DATE EXTRACTED: 03/11/09

SAMPLING DATE: 10/08/08

DATE ANALYZED: 03/11/09

REPORT TO: Mr. GREG MIDDLETON

DATE REPORTED: 03/13/09

PCBs ANALYSIS

METHOD: EPA 8082

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
HA-11A-2.5	081009-46	ND	ND	ND	ND	ND	0.603	ND	0.603	20
HA-11B-2.5	081009-48	ND	ND	ND	ND	ND	0.505	ND	0.505	20
HA-11C-2.5	081009-50	ND	ND	ND	ND	ND	2.93	ND	2.93	100
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	MDL	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

COMMENTS

DF = DILUTION FACTOR

MDL = METHOD DETECTION LIMIT

PQL = PRACTICAL QUANTITATION LIMIT


J = TRACE CONCENTRATION BETWEEN MDL AND PQL

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

* = SUM OF THE PCB 1016, 1221, 1232, 1242, 1248, 1254 AND 1260

*** = THE CONCENTRATION EXCEEDS THE TTLC LIMIT OF 50, AND THE SAMPLE IS DEFINED AS HAZARDOUS WASTE AS PER CCR-TITLE 22 (IF MARKED)

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

From: Curtis Desilets [curt@enviro-chemlab.com]
Sent: Monday, March 09, 2009 3:22 PM
To: jessica.lin@enviro-chemlab.com
Subject: FW: Discrete sample analysis

Please proceed.

Curtis Desilets
 Senior Vice President
 Enviro-Chem, Inc.
 (909) 590-5905

-----Original Message-----

From: Gregory Middleton [mailto:gmiddleton@leightongroup.com]
Sent: Monday, March 09, 2009 3:07 PM
To: curt@enviro-chemlab.com
Cc: Zachary Freeman
Subject: FW: Discrete sample analysis

Curt,

If possible can we get the discrete analysis run on the following samples that collected back in October of 2008? They were collected as a part of our Project Number 602315-002 (Ontario Sunkist)

Leighton ID	Lab ID	No of Discrete Samples	Analyses to be Performed	
C024-0.5	081021-18, 23, 33	3	Lead - TTLC-Solid/Soil	TPH - Carbon chain- EPA 8015B
C-11-2.5	08009-46, 48, 50	3	PCBs - EPA 8082	

081009-46, 48, 50

We've finally received the authorization from the City to proceed.

Greg K. Middleton, PG., CHG.
 Senior Project Geologist
 10532 Acacia St. Suite B-6
 Rancho Cucamonga, CA 91730
 909 527 - 8783 "office"
 951 500 - 3500 "cell"
 909 484 - 2170 "fax"
Leighton
 Solutions You Can Build On

081009-46 = HA-11A-2.5
 ↓ -48 = HA-11B-2.5
 ↓ -50 = HA-11C-2.5

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Checked by AVG.

Version: 7.5.557 / Virus Database: 270.11.9/1991 - Release Date: 3/9/2009 7:14 AM

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Checked by AVG.

Version: 7.5.557 / Virus Database: 270.11.9/1991 - Release Date: 3/9/2009 7:14 AM

Appendix B

Laboratory Results – Confirmation Soil Sampling

ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

4/27/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 4/23/2009
Lab Job No.: B9D013

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 4/23/2009 and analyzed by the following EPA methods:

EPA 7420 (TTLC-Lead)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9D013
Project Site:	Sunkist	Date Sampled:	4/23/2009
Project:	Sunkist	Date Received:	4/23/2009
Matrix:	Soil	Date Digested:	4/23/2009
Digestion Method:	3050B	Date Analyzed:	4/25/2009
Batch No.:	0425-MTS	Date Reported:	4/27/2009

EPA 7420 (TTLC-Lead)

Reporting Unit: mg/kg (PPM)

Client Sample ID	Lab ID	Lead		
	Reporting Limit	1.0		
24C NW	B9D013-1	375		
24C WW	B9D013-2	50.6		
24C SW	B9D013-3	70.6		
24C EW	B9D013-4	20.7		
24C F	B9D013-5	236		

ND: Not Detected (Below Reporting Limit)

ABC Environmental Laboratories

EPA 7420 (Lead) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Soil
Batch No.: 0425-MTS

Lab Job No.: B9D013
Lab Sample ID: LCS
Date Analyzed: 4/25/2009
Date Reported: 4/27/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Lead (Pb)	7420	ND	5.0	5.27	5.60	105	112	6	≤20	80-120

ND: Not Detected (Below Reporting Limit).

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO ₃	SH=NaOH ST=Na ₂ S ₂ O ₃ HS=H ₂ SO ₄	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

4/27/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 4/24/2009
Lab Job No.: B9D016

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 4/24/2009 and analyzed by the following EPA methods:

EPA 7000 Series for CAM Metals (TTLC)
EPA 8015M (TPH-Full Scan)
EPA 8082 (PCBs)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9D016
Project Site:	Sunkist	Date Sampled:	4/24/2009
Project:	Sunkist	Date Received:	4/24/2009
Matrix:	Soil	Date Digested:	4/25/2009
Digestion Method:	3050B	Date Analyzed:	4/25/2009
Batch No.:	0425-MTS	Date Reported:	4/27/2009

EPA 7000 Series for CAM Metals (TTLC)

Report Units: mg/kg (PPM)

Element	EPA Method	B9D016-6				Report Limit
		C 1ft				
Antimony (Sb)	7040	ND				10
Arsenic (As)	7060	1.3				0.5
Barium (Ba)	7080	48.7				5.0
Beryllium (Be)	7090	ND				1.0
Cadmium (Cd)	7130	ND				1.0
Chromium (Cr)	7190	12.9				1.0
Cobalt (Co)	7200	8.9				1.0
Copper (Cu)	7210	10.9				1.0
Lead (Pb)	7420	4.7				1.0
Mercury (Hg)	7471	ND				0.1
Molybdenum (Mo)	7480	ND				5.0
Nickel (Ni)	7520	11.9				1.0
Selenium (Se)	7740	ND				0.5
Silver (Ag)	7760	ND				2.5
Thallium (Tl)	7840	ND				2.5
Vanadium (V)	7910	20.4				10
Zinc (Zn)	7950	40.5				1.0

ND: Not Detected (at the specified limit).

ABC Environmental Laboratories

EPA 7000s (TTLC) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Soil
Batch No.: 0425-MTS

Lab Job No.: B9D016
Lab Sample ID: LCS
Date Analyzed: 4/25/2009
Date Reported: 4/27/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Antimony (Sb)	7040	ND	12.6	12.9	10.8	102	86	18	≤20	80-120
Arsenic (As)	7060	ND	0.5	0.46	0.49	92	98	6	≤20	80-120
Barium (Ba)	7080	ND	5.0	5.30	5.08	106	102	4	≤20	80-120
Beryllium (Be)	7090	ND	2.5	2.42	2.54	97	102	5	≤20	80-120
Cadmium (Cd)	7130	ND	2.5	2.54	2.42	102	97	5	≤20	80-120
Chromium (Cr)	7190	ND	2.5	2.52	2.42	101	97	4	≤20	80-120
Cobalt (Co)	7200	ND	2.5	2.45	2.56	98	102	4	≤20	80-120
Copper (Cu)	7210	ND	2.5	2.54	2.40	102	96	6	≤20	80-120
Lead (Pb)	7420	ND	5.0	4.90	4.70	98	94	4	≤20	80-120
Mercury (Hg)	7471	ND	2.0	2.05	1.92	103	96	7	≤20	80-120
Molybdenum (Mo)	7480	ND	12.0	13.1	11.5	109	96	13	≤20	80-120
Nickel (Ni)	7520	ND	2.50	2.48	2.39	99	96	4	≤20	80-120
Selenium (Se)	7740	ND	0.50	0.57	0.51	114	102	11	≤20	80-120
Silver (Ag)	7760	ND	2.5	2.47	2.20	99	88	12	≤20	80-120
Thallium (Tl)	7840	ND	12.0	12.7	11.6	106	97	9	≤20	80-120
Vanadium (V)	7910	ND	12.0	12.7	13.1	106	109	3	≤20	80-120
Zinc (Zn)	7950	ND	2.50	2.54	2.41	102	96	5	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9D016
Project Site:	Sunkist	Date Sampled:	4/24/2009
Project:	Sunkist	Date Received:	4/24/2009
Matrix:	Soil	Date Analyzed:	TPH-G 4/25/2009
Batch No.:	AD25-GS TPH-G	Date Analyzed:	TPH-D 4/25/2009
Batch No.:	BD25-DS TPH-D	Date Reported:	4/27/2009

EPA 8015M (TPH-Full Scan)

Reporting Unit: mg/kg (PPM)

Client Sample ID	Lab ID	DF	Gasoline	Diesel	Oil
			C4-C10	C10-C24	C24-C40
	Reporting Limit		0.1	5	25
C 1ft	B9D016-6	1	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA 8015M (TPH-Gasoline)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9D016

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 4/25/2009

Batch No.: AD25-GS TPH-G

Date Reported: 4/27/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Analyte	Method	Spike	LCS	LCSD	LCS	LCSD	%RPD	%RPD	%Rec
	Blank	Conc.			%Rec.	%rec.		Accept	Accept
								Limit	Limit
TPH-G	ND	1.00	0.93	1.04	93	104	11	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA 8015M (TPH-Diesel) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Soil
Batch No.: BD25-DS TPH-D

Lab Job No.: B9D016
Lab Sample ID: LCS
Date Analyzed: 4/25/2009
Date Reported: 4/27/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Analyte	Method	Spike	LCS	LCSD	LCS	LCSD	%RPD	%RPD	%Rec
	Blank	Conc.			%Rec.	%rec.		Accept	Accept
								Limit	Limit
TPH-D	ND	500	589	576	118	115	2	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9D016
Project:	Sunkist	Date Sampled:	4/24/2009
Project Site:	Sunkist	Date Received:	4/24/2009
Matrix:	Soil	Date Analyzed:	4/25/2009
Batch No.:	0425-PCBS	Date Reported:	4/27/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9D016-1	B9D016-2	B9D016-3	B9D016-4
Client Sample I.D.		20C NW 0.5ft	20C SW 0.5ft	20C EW 0.5ft	20C WW 0.5ft
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	ND	ND	ND	ND
PCB-1260	25	ND	431	ND	273

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9D016
Project:	Sunkist	Date Sampled:	4/24/2009
Project Site:	Sunkist	Date Received:	4/24/2009
Matrix:	Soil	Date Analyzed:	4/25/2009
Batch No.:	0425-PCBS	Date Reported:	4/27/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9D016-5	B9D016-7	B9D016-8	B9D016-9
Client Sample I.D.		20C F 1ft	C11 NW 1.75ft	C11 SW 1.75ft	C11 EW 1.75ft
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	ND	966	201	ND
PCB-1260	25	337	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9D016
Project:	Sunkist	Date Sampled:	4/24/2009
Project Site:	Sunkist	Date Received:	4/24/2009
Matrix:	Soil	Date Analyzed:	4/25/2009
Batch No.:	0425-PCBS	Date Reported:	4/27/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1		
Lab Sample I.D.		B9D016-10	B9D016-11		
Client Sample I.D.		C11 WW 1.75ft	C11 F 3.5ft		
Compound	RL				
PCB-1016	25	ND	ND		
PCB-1221	50	ND	ND		
PCB-1232	25	ND	ND		
PCB-1242	25	ND	ND		
PCB-1248	25	ND	ND		
PCB-1254	25	81.2	230		
PCB-1260	25	ND	ND		

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA Method 8082 (PCBs)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9D016

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 4/25/2009

Batch No.: 0425-PCBS

Date Reported: 4/27/2009

MB/LCS/LCSD Report

Unit: ug/kg

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
PCB-1016	ND	500	436	418	87	84	4	≤30	75-130
PCB-1260	ND	500	423	512	85	102	19	≤30	75-130

ND: Not Detected (Below Reporting Limit).

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO ₃	SH=NaOH ST=Na ₂ S ₂ O ₃ HS=H ₂ SO ₄	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

5/11/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 5/7/2009
Lab Job No.: B9E005

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 5/7/2009 and analyzed by the following EPA methods:

EPA 7420 (Total Lead)
EPA 8082 (PCBs)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005
Project Site:	Sunkist	Date Sampled:	5/7/2009
Project:	Sunkist	Date Received:	5/7/2009
Matrix:	Soil	Date Digested:	5/8/2009
Digestion Method:	3050B	Date Analyzed:	5/8/2009
Batch No.:	0508-MTS	Date Reported:	5/11/2009

EPA 7420 (TTLC-Lead)

Reporting Unit: mg/kg (PPM)

Client Sample ID	Lab ID	Lead		
	Reporting Limit	1.0		
24C NW2	B9E005-1	75		
24C F2	B9E005-2	168		

ND: Not Detected (Below Reporting Limit)

ABC Environmental Laboratories

EPA 7420 (Lead) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Soil
Batch No.: 0508-MTS

Lab Job No.: B9E005
Lab Sample ID: LCS
Date Analyzed: 5/8/2009
Date Reported: 5/11/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Lead (Pb)	7420	ND	5.0	5.07	4.94	101	99	3	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005
Project:	Sunkist	Date Sampled:	5/7/2009
Project Site:	Sunkist	Date Received:	5/7/2009
Matrix:	Soil	Date Analyzed:	5/8/2009
Batch No.:	0508-PCBS	Date Reported:	5/11/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9E005-3	B9E005-4	B9E005-5	B9E005-6
Client Sample I.D.		11C SW2	11C NW2	11C F2	20C SW2
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	601	458	459	ND
PCB-1260	25	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005
Project:	Sunkist	Date Sampled:	5/7/2009
Project Site:	Sunkist	Date Received:	5/7/2009
Matrix:	Soil	Date Analyzed:	5/8/2009
Batch No.:	0508-PCBS	Date Reported:	5/11/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1		
Lab Sample I.D.		B9E005-7	B9E005-8		
Client Sample I.D.		20C WW2	20C F2		
Compound	RL				
PCB-1016	25	ND	ND		
PCB-1221	50	ND	ND		
PCB-1232	25	ND	ND		
PCB-1242	25	ND	ND		
PCB-1248	25	ND	ND		
PCB-1254	25	ND	ND		
PCB-1260	25	ND	ND		

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA Method 8082 (PCBs)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9E005

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 5/8/2009

Batch No.: 0508-PCBS

Date Reported: 5/11/2009

MB/LCS/LCSD Report

Unit: ug/kg

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
PCB-1016	ND	500	415	420	83	84	1	≤30	75-130
PCB-1260	ND	500	426	455	85	91	7	≤30	75-130

ND: Not Detected (Below Reporting Limit).

Client Name				Sample Receipt Conditions		Analyses Requested										Turn Around Time Requested	
Address																<input type="checkbox"/> Rush 8 12 24 48 Hours <input checked="" type="checkbox"/> Normal	
Report Attention		Phone #		Fax: #		Sampled By											
Project No./Name		Project Site															
Client Sample ID	Lab Sample ID	Sample Collection		Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	EPA8021B (BTEX & MTBE)	EPA8015M / 8015B (Gasoline)	EPA8015M / 8015B (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA418.1 (TRPH)	EPA8015M (Carbon Chain)	EPA 7000s (Metals)	CAM 17 Metals
24c NW2	B9E005-1	5/7/09		Soil	ICE								X	Cancelled			X
24c F2	-2												X	Cancelled			X
11c SW2	-3												X				
11c NW2	-4												X				
11c F2	-5												X				
20c SW2	-6												X				
20c WW2	-7												X				
20c F2	-8												X				

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
Robert Curran	BEL	5/7/09	11:30	J. Jones	ABC Labs	5/7/09	11:30
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.

Matrix Code:

DW=Drinking Water
GW=Ground Water
WW=Waste Water
SD=Solid Waste

SL=Sludge
SS=Soil/Sediment
AR=Air
PP=Pure Product

Preservative Code

$$\begin{array}{l} \text{IC}=\text{Ice} \\ \text{HC}=\text{HCl} \\ \text{HN}=\text{HNO}_3 \end{array}$$

SH=NaOH
ST=Na₂S₂O₃
HS=H₂SO₄

* Sample Container Types:

T=Tedlar Air Bag
G=Glass Container
ST= Steel Tube

B= Brass Tube
P=Plastic Bottle
V=VOA Vial

E= EnCore

ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

5/15/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 4/23 & 5/7/2009
Lab Job No.: B9E005A

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 4/23 & 5/7/2009 and analyzed by the following EPA methods:

EPA 1311/7420 (TCLP Lead)
WET Extraction (STLC Lead)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005A
Project Site:	Sunkist	Date Sampled:	4/23 & 5/7/2009
Project:	Sunkist	Date Received:	4/23 & 5/7/2009
Matrix:	TCLP Extract	Date Digested:	5/15/2009
Digestion Method:	3010C	Date Analyzed:	5/15/2009
Batch No.:	0515-PBW	Date Reported:	5/15/2009

EPA 1311/7420 (TCLP-Lead)

Reporting Unit: mg/L (PPM)

Client Sample ID	Lab ID	Lead		
	Reporting Limit	0.1		
Composite of 24C NW, 24C WW, 24C SW 24C F, 24C NW2, 24C F2	B9E005A-1	0.66		

Extraction Method: 1311

Date Extracted: 5/13/2009 12:00PM to 5/14/2009 10:00AM.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005A
Project Site:	Sunkist	Date Sampled:	4/23 & 5/7/2009
Project:	Sunkist	Date Received:	4/23 & 5/7/2009
Matrix:	STLC Extract	Date Digested:	5/15/2009
Digestion Method:	3010C	Date Analyzed:	5/15/2009
Batch No.:	0515-PBW	Date Reported:	5/15/2009

WET Extraction/EPA 7420 (STLC-Lead)

Reporting Unit: mg/L (PPM)

Client Sample ID	Lab ID	Lead		
	Reporting Limit	0.1		
Composite of 24C NW, 24C WW, 24C SW 24C F, 24C NW2, 24C F2	B9E005A-1	9.61		

Extraction Method: Waste Extraction Test (WET) Procedures, Title 22, Cal Wet 66700

Date Extracted: 5/13/2009 12:00PM to 5/15/2009 12:00PM

ABC Environmental Laboratories

EPA 7420 (Lead) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Water
Batch No.: 0515-PBW

Lab Job No.: B9E005A
Lab Sample ID: LCS
Date Analyzed: 5/15/2009
Date Reported: 5/15/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Lead (Pb)	7420	ND	5.0	4.55	5.01	91	100	10	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

5/21/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 4/23 & 5/7/2009
Lab Job No.: B9E005B

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 4/23 & 5/7/2009 and analyzed by the following EPA methods:

EPA 9045C (pH)
WET Extraction (STLC Lead)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

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ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005B
Project Site:	Sunkist	Date Sampled:	4/23 & 5/7/2009
Project:	Sunkist	Date Received:	4/23 & 5/7/2009
Matrix:	Soil	Date Analyzed:	5/19/2009
Batch No.:	0519-pHS	Date Reported:	5/21/2009

EPA 9045C (pH)

Unit: pH Unit

Client Sample ID	Lab ID	pH	
24C NW	B9D013-1	6.45	
24C WW	B9D013-2	6.25	
24C SW	B9D013-3	6.42	
24C EW	B9D013-4	6.55	
24C F	B9D013-5	6.31	
24C NW2	B9E005-1	6.34	
24C F2	B9E005-2	6.38	

ABC Environmental Laboratories

EPA 9045C (pH) Batch QA/QC Report

Client: Bowyer Environmental

Project: Sunkist

Matrix: Soil

Batch No.: 0519-pHS

Lab Job No.: B9E005B

Sample ID: B9E005-1

Date Analyzed: 5/19/2008

Date Reported: 5/21/2008

Sample/Sample Dup. Report

Unit: pH unit

Analyte	Sample pH	Sample Duplicate	Difference	Difference Accept Limit
pH	6.34	6.36	0.02	0.05

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005B
Project Site:	Sunkist	Date Sampled:	4/23 & 5/7/2009
Project:	Sunkist	Date Received:	4/23 & 5/7/2009
Matrix:	STLC Extract	Date Digested:	5/21/2009
Digestion Method:	3010C	Date Analyzed:	5/21/2009
Batch No.:	0521-PBW	Date Reported:	5/21/2009

WET Extraction/EPA 7420 (STLC-Lead)

Reporting Unit: mg/L (PPM)

Client Sample ID	Lab ID	STLC Lead	
	Reporting Limit	0.1	
24C NW	B9D013-1	19.2	
24C WW	B9D013-2	5.05	
24C SW	B9D013-3	4.23	
24C EW	B9D013-4	1.06	
24C F	B9D013-5	18.9	
24C NW2	B9E005-1	6.30	
24C F2	B9E005-2	10.5	

Extraction Method: Waste Extraction Test (WET) Procedures, Title 22, Cal Wet 66700

Date Extracted: 5/19/2009 11:00AM to 5/21/2009 11:00AM

ABC Environmental Laboratories

EPA 7420 (Lead) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Water
Batch No.: 0521-PBW

Lab Job No.: B9E005B
Lab Sample ID: LCS
Date Analyzed: 5/21/2009
Date Reported: 5/21/2009

MB/LCS/LCSD Report

Unit: mg/L (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Lead (Pb)	7420	ND	5.0	4.63	4.92	93	98	6	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

5/26/2009

Project: 08010001
Project Site: Sunkist Growers
Sample Date: 5/21/2009
Lab Job No.: B9E018

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 5/21/2009 and analyzed by the following EPA methods:

EPA 8082 (PCBs)
EPA 9045C (pH)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E018
Project Site:	Sunkist Growers	Date Sampled:	5/21/2009
Project:	08010001	Date Received:	5/21/2009
Matrix:	Soil	Date Analyzed:	5/21/2009
Batch No.:	0521-pH	Date Reported:	5/26/2009

EPA 9045C (pH)

Unit: pH Unit

Client Sample ID	Lab ID	pH	
11C NW3	B9E018-1	6.35	
11C SW3	B9E018-2	6.38	
11C WW3	B9E018-3	6.25	
11C EW3	B9E018-4	6.48	
11C F3-7	B9E018-5	6.28	
11C B1-7.5	B9E018-6	6.32	
11C B1-5	B9E018-7	6.35	
11C B2-5	B9E018-8	6.34	
11C B2-7	B9E018-9	6.38	
11C B3-6.5	B9E018-10	6.29	

ABC Environmental Laboratories

EPA 9045C (pH) Batch QA/QC Report

Client: Bowyer Environmental
Project: 08010001
Matrix: Soil
Batch No.: 0521-pHS

Lab Job No.: B9E018
Sample ID: B9E018-1
Date Analyzed: 5/21/2009
Date Reported: 5/26/2009

Sample/Sample Dup. Report

Unit: pH unit

Analyte	Sample pH	Sample Duplicate	Difference	Difference Accept Limit
pH	6.35	6.37	0.02	0.05

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E018
Project:	08010001	Date Sampled:	5/21/2009
Project Site:	Sunkist Growers	Date Received:	5/21/2009
Matrix:	Soil	Date Analyzed:	5/23/2009
Batch No.:	0523-PCBS	Date Reported:	5/26/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9E018-1	B9E018-2	B9E018-3	B9E018-4
Client Sample I.D.		11C NW3	11C SW3	11C WW3	11C EW3
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	ND	ND	ND	ND
PCB-1260	25	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E018
Project:	08010001	Date Sampled:	5/21/2009
Project Site:	Sunkist Growers	Date Received:	5/21/2009
Matrix:	Soil	Date Analyzed:	5/21/2009
Batch No.:	0523-PCBS	Date Reported:	5/26/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9E018-5	B9E018-6	B9E018-7	B9E018-8
Client Sample I.D.		11C F3-7	11C B1-7.5	11C B1-5	11C B2-5
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	148	ND	ND	ND
PCB-1260	25	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E018
Project:	08010001	Date Sampled:	5/21/2009
Project Site:	Sunkist Growers	Date Received:	5/21/2009
Matrix:	Soil	Date Analyzed:	5/21/2009
Batch No.:	0523-PCBS	Date Reported:	5/26/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1		
Lab Sample I.D.		B9E018-9	B9E018-10		
Client Sample I.D.		11C B2-7	11C B3-6.5		
Compound	RL				
PCB-1016	25	ND	ND		
PCB-1221	50	ND	ND		
PCB-1232	25	ND	ND		
PCB-1242	25	ND	ND		
PCB-1248	25	ND	ND		
PCB-1254	25	ND	93.9		
PCB-1260	25	ND	ND		

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA Method 8082 (PCBs)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9E018

Project: 08010001

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 5/23/2009

Batch No.: 0523-PCBS

Date Reported: 5/26/2009

MB/LCS/LCSD Report

Unit: ug/kg

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
PCB-1254	ND	500	385	473	77	95	21	≤30	75-130

ND: Not Detected (Below Reporting Limit).

[illegible]

Matrix Code:

DW=Drinking Water
GW=Ground Water
WW=Waste Water
SD=Solid Waste

SL=Sludge
SS=Soil/Sediment
AR=Air
PP=Pure Product

Preservative Code

$$\begin{array}{l} \text{IC=Ice} \\ \text{HC=HCl} \\ \text{HN=HNO}_3 \end{array}$$
$$\begin{aligned} \text{SH} &= \text{NaOH} \\ \text{ST} &= \text{Na}_2\text{S}_2\text{O}_3 \\ \text{HS} &= \text{H}_2\text{SO}_4 \end{aligned}$$

* Sample Container Types:
T=Tedlar Air Bag
G=Glass Container
ST= Steel Tube

B= Brass Tube
P=Plastic Bottle
V=VOA Vial

E= EnCore

ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

6/5/2009

Project: Sunkist Growers
Project Site: Sunkist Growers
Sample Date: 6/2/2009
Lab Job No.: B9F002

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 6/2/2009 and analyzed by the following EPA methods:

EPA 8082 (PCBs)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F002
Project:	Sunkist Growers	Date Sampled:	6/2/2009
Project Site:	Sunkist Growers	Date Received:	6/2/2009
Matrix:	Soil	Date Analyzed:	6/3/2009
Batch No.:	0603-PCBS	Date Reported:	6/5/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9F002-1	B9F002-2	B9F002-3	B9F002-4
Client Sample I.D.		NW4 1.5ft	NW5 3.5ft	NW6 7.0ft	F4 8.5ft
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	53.2	48.1	1160	125
PCB-1260	25	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F002
Project:	Sunkist Growers	Date Sampled:	6/2/2009
Project Site:	Sunkist Growers	Date Received:	6/2/2009
Matrix:	Soil	Date Analyzed:	6/3/2009
Batch No.:	0603-PCBS	Date Reported:	6/5/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9F002-5	B9F002-6	B9F002-7	B9F002-8
Client Sample I.D.		F5 7.5	SW4 7.0ft	SW5 1.5ft	SW6 3.5ft
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	ND	27.3	2150	ND
PCB-1260	25	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F002
Project:	Sunkist Growers	Date Sampled:	6/2/2009
Project Site:	Sunkist Growers	Date Received:	6/2/2009
Matrix:	Soil	Date Analyzed:	6/3/2009
Batch No.:	0603-PCBS	Date Reported:	6/5/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1			
Lab Sample I.D.		B9F002-9			
Client Sample I.D.		SW7 6.0ft			
Compound	RL				
PCB-1016	25	ND			
PCB-1221	50	ND			
PCB-1232	25	ND			
PCB-1242	25	ND			
PCB-1248	25	ND			
PCB-1254	25	ND			
PCB-1260	25	ND			

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA Method 8082 (PCBs)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F002

Project: Sunkist Growers

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 6/3/2009

Batch No.: 0603-PCBS

Date Reported: 6/5/2009

MB/LCS/LCSD Report

Unit: ug/kg

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
PCB-1254	ND	500	416	389	83	78	7	≤30	75-130

ND: Not Detected (Below Reporting Limit).

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO ₃	SH=NaOH ST=Na ₂ S ₂ O ₃ HS=H ₂ SO ₄	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

6/12/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 6/10/2009
Lab Job No.: B9F012

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 6/10/2009 and analyzed by the following EPA methods:

EPA 7420 (TTLC-Lead)
STLC Lead
EPA 8015M (TPH-Full Scan)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F012
Project Site:	Sunkist	Date Sampled:	6/10/2009
Project:	Sunkist	Date Received:	6/10/2009
Matrix:	Soil	Date Digested:	6/11/2009
Digestion Method:	3050B	Date Analyzed:	6/12/2009
Batch No.:	0612-MTS	Date Reported:	6/12/2009

EPA 7420 (TTLC-Lead)

Reporting Unit: mg/kg (PPM)

Client Sample ID	Lab ID	Lead		
	Reporting Limit	1.0		
24 F1 5ft	B9F012-1	1.1		
24 F2 5ft	B9F012-2	4.2		
24 F3 5ft	B9F012-3	4.0		
24 F4 5ft	B9F012-4	4.7		
24 F5 5ft	B9F012-5	4.6		
24 F6 5ft	B9F012-6	5.0		
WW1 2.5ft	B9F012-7	7.3		
WW2 2.5ft	B9F012-8	6.1		
EW1 2.5ft	B9F012-9	6.8		
EW2 2.5ft	B9F012-10	8.2		

ND: Not Detected (Below Reporting Limit)

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9E005A
Project Site:	Sunkist	Date Sampled:	6/10/2009
Project:	Sunkist	Date Received:	6/10/2009
Matrix:	STLC Extract	Date Digested:	6/12/2009
Digestion Method:	3010C	Date Analyzed:	6/12/2009
Batch No.:	0612-MTW	Date Reported:	6/12/2009

WET Extraction/EPA 7420 (STLC-Lead)

Reporting Unit: mg/L (PPM)

Client Sample ID	Lab ID	Lead		
	Reporting Limit	0.1		
24 F1 5ft	B9F012-1	ND		
24 F2 5ft	B9F012-2	0.12		
24 F3 5ft	B9F012-3	0.13		
24 F4 5ft	B9F012-4	0.22		
24 F5 5ft	B9F012-5	0.16		
24 F6 5ft	B9F012-6	0.28		
WW1 2.5ft	B9F012-7	0.22		
WW2 2.5ft	B9F012-8	0.26		
EW1 2.5ft	B9F012-9	0.28		
EW2 2.5ft	B9F012-10	0.28		

Extraction Method: Waste Extraction Test (WET) Procedures, Title 22, Cal Wet 66700

Date Extracted: 6/10/2009 3:00PM to 6/12/2009 3:00PM

ABC Environmental Laboratories

EPA 7420 (Lead) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Soil
Batch No.: 0612-MTS

Lab Job No.: B9F012
Lab Sample ID: LCS
Date Analyzed: 6/12/2009
Date Reported: 6/12/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Lead (Pb)	7420	ND	5.0	4.56	5.25	91	105	14	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

STLC Lead Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Water
Batch No.: 0612-MTW

Lab Job No.: B9F012
Lab Sample ID: LCS
Date Analyzed: 6/12/2009
Date Reported: 6/12/2009

MB/LCS/LCSD Report

Unit: mg/L (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Lead (Pb)	7420	ND	5.0	5.01	4.85	100	97	3	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F012
Project Site:	Sunkist	Date Sampled:	6/10/2009
Project:	Sunkist	Date Received:	6/10/2009
Matrix:	Soil	Date Analyzed:	TPH-G 6/11/2009
Batch No.:	AF11-GS TPH-G	Date Analyzed:	TPH-D 6/11/2009
Batch No.:	BF11-DS TPH-D	Date Reported:	6/12/2009

EPA 8015M (TPH-Full Scan)

Reporting Unit: mg/kg (PPM)

Client Sample ID	Lab ID	DF	Gasoline	Diesel	Oil
			C4-C10	C10-C24	C24-C40
	Reporting Limit		0.1	5	25
24 F1 5ft	B9F012-1	1	ND	ND	ND
24 F2 5ft	B9F012-2	1	ND	ND	ND
24 F3 5ft	B9F012-3	1	ND	ND	ND
24 F4 5ft	B9F012-4	1	ND	ND	ND
24 F5 5ft	B9F012-5	1	ND	ND	ND
24 F6 5ft	B9F012-6	1	ND	ND	ND
WW1 2.5ft	B9F012-7	1	ND	ND	ND
WW2 2.5ft	B9F012-8	1	ND	ND	ND
EW1 2.5ft	B9F012-9	1	ND	ND	ND
EW2 2.5ft	B9F012-10	1	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA 8015M (TPH-Gasoline)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F012

Project: Sunkist

Lab Sample ID: B9F012-1

Matrix: Soil

Date Analyzed: 6/11/2009

Batch No.: AF11-GS TPH-G

Date Reported: 6/12/2009

I. MB/LCS Report

Unit: mg/kg

Analyte	Method	Report	True	Rec.%	Accept
	Blank	Value	Value		Limit
TPH-G	ND	1.15	1.0	115	80-120

II. MS/MSD Report

Unit: mg/kg

Analyte	Sample	Spike	MS	MSD	MS	MSD	%RPD	%RPD	%Rec
	Conc.	Conc.			%Rec.	%rec.		Accept	Accept
								Limit	Limit
TPH-G	ND	1.0	1.15	1.25	115	125	8	≤30	70-130

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA 8015M (TPH-Diesel)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F012

Project: Sunkist

Lab Sample ID: B8F012-1

Matrix: Soil

Date Analyzed: 6/11/2009

Batch No.: BF11-DS TPH-D

Date Reported: 6/12/2009

I. MB/LCS Report

Unit: mg/kg

Analyte	Method	Report	True	Rec.%	Accept
	Blank	Value	Value		Limit
TPH-D	ND	486	500	97	80-120

II. MS/MSD Report

Unit: mg/kg

Analyte	Sample	Spike	MS	MSD	MS	MSD	%RPD	%RPD	%Rec
	Conc.	Conc.			%Rec.	%rec.		Accept	Accept
								Limit	Limit
TPH-D	ND	500	475	462	95	92	3	≤30	70-130

ND: Not Detected (Below Reporting Limit).

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO ₃	SH=NaOH ST=Na ₂ S ₂ O ₃ HS=H ₂ SO ₄	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

6/16/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 6/11/2009
Lab Job No.: B9F013

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 6/11/2009 and analyzed by the following EPA methods:

EPA 8260B(VOCs & Oxy.)
EPA 8015M (TPH-Full Scan)
EPA 8082 (PCBs)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client: Bowyer Environmental

Lab Job No.: B9F013

Project Site: Sunkist

Date Sampled: 6/11/2009

Project: Sunkist

Date Received: 6/11/2009

Matrix: Soil

Date Digested: 6/12/2009

Digestion Method: 3050B

Date Analyzed: 6/12/2009

Batch No.: 0612-MTS

Date Reported: 6/16/2009

EPA 7000 Series for CAM Metals (TTLC)

Report Units: mg/kg (PPM)

Element	EPA Method	B9F013-1				Report Limit
		11C 1,2,3,4 Comp.				
Antimony (Sb)	7040	ND				10
Arsenic (As)	7060	1.2				0.5
Barium (Ba)	7080	174				5.0
Beryllium (Be)	7090	ND				1.0
Cadmium (Cd)	7130	ND				1.0
Chromium (Cr)	7190	11.8				1.0
Cobalt (Co)	7200	8.4				1.0
Copper (Cu)	7210	13.5				1.0
Lead (Pb)	7420	7.3				1.0
Mercury (Hg)	7471	ND				0.1
Molybdenum (Mo)	7480	ND				5.0
Nickel (Ni)	7520	11.9				1.0
Selenium (Se)	7740	ND				0.5
Silver (Ag)	7760	ND				2.5
Thallium (Tl)	7840	ND				2.5
Vanadium (V)	7910	ND				10
Zinc (Zn)	7950	43.9				1.0

ND: Not Detected (at the specified limit).

ABC Environmental Laboratories

EPA 7000s (TTLC) Batch QA/QC Report

Client: Bowyer Environmental
Project: Sunkist
Matrix: Soil
Batch No.: 0612-MTS

Lab Job No.: B9F013
Lab Sample ID: LCS
Date Analyzed: 6/12/2009
Date Reported: 6/16/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Element	EPA Method	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
Antimony (Sb)	7040	ND	12.6	2.5	2.6	20	21	4	≤20	80-120
Arsenic (As)	7060	ND	0.5	0.57	0.48	114	96	17	≤20	80-120
Barium (Ba)	7080	ND	5.0	5.12	5.80	102	116	12	≤20	80-120
Beryllium (Be)	7090	ND	2.5	2.54	2.47	102	99	3	≤20	80-120
Cadmium (Cd)	7130	ND	2.5	2.57	2.45	103	98	5	≤20	80-120
Chromium (Cr)	7190	ND	2.5	2.62	2.53	105	101	3	≤20	80-120
Cobalt (Co)	7200	ND	2.5	2.59	2.46	104	98	5	≤20	80-120
Copper (Cu)	7210	ND	2.5	2.59	2.45	104	98	6	≤20	80-120
Lead (Pb)	7420	ND	5.0	5.04	4.80	101	96	5	≤20	80-120
Mercury (Hg)	7471	ND	2.0	1.95	2.01	98	101	3	≤20	80-120
Molybdenum (Mo)	7480	ND	12.0	13.2	12.3	110	103	7	≤20	80-120
Nickel (Ni)	7520	ND	2.50	2.56	2.46	102	98	4	≤20	80-120
Selenium (Se)	7740	ND	0.50	0.54	0.48	108	96	12	≤20	80-120
Silver (Ag)	7760	ND	2.5	2.49	2.59	100	104	4	≤20	80-120
Thallium (Tl)	7840	ND	12.0	11.4	11.9	95	99	4	≤20	80-120
Vanadium (V)	7910	ND	12.0	12.0	13.1	100	109	9	≤20	80-120
Zinc (Zn)	7950	ND	2.50	2.50	2.54	100	102	2	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F013
Project Site:	Sunkist	Date Sampled:	6/11/2009
Project:	Sunkist	Date Received:	6/11/2009
Matrix:	Soil	Date Analyzed:	TPH-G 6/12/2009
Batch No.:	AF12-GS TPH-G	Date Analyzed:	TPH-D 6/12/2009
Batch No.:	BF12-DS TPH-D	Date Reported:	6/16/2009

EPA 8015M (TPH-Full Scan)

Reporting Unit: mg/kg (PPM)

Client Sample ID	Lab ID	DF	Gasoline	Diesel	Oil
			C4-C10	C10-C24	C24-C40
	Reporting Limit		0.1	5	25
11C 1,2,3,4 Comp.	B9F013-1	1	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA 8015M (TPH-Gasoline)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F013

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 6/12/2009

Batch No.: AF12-GS TPH-G

Date Reported: 6/16/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %rec.	%RPD	%RPD Accept Limit	%Rec Accept Limit
TPH-G	ND	1.00	1.10	1.05	110	105	5	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA 8015M (TPH-Diesel)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F013

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 6/12/2009

Batch No.: BF12-DS TPH-D

Date Reported: 6/16/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Analyte	Method	Spike	LCS	LCSD	LCS	LCSD	%RPD	%RPD	%Rec
	Blank	Conc.			%Rec.	%rec.		Accept	Accept
								Limit	Limit
TPH-D	ND	500	425	435	85	87	2	≤20	80-120

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F013
Project:	Sunkist	Date Sampled:	6/11/2009
Project Site:	Sunkist	Date Received:	6/11/2009
Matrix:	Soil	Date Analyzed:	6/12/2009
Batch No.:	0612-PCBS	Date Reported:	6/16/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1
Lab Sample I.D.		B9F013-2	B9F013-3	B9F013-4	B9F013-5
Client Sample I.D.		SW8 1.5ft	F6 10ft	F7 10ft	F8 10ft
Compound	RL				
PCB-1016	25	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND
PCB-1254	25	508	483	356	404
PCB-1260	25	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA Method 8082 (PCBs)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F013

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 6/12/2009

Batch No.: 0612-PCBS

Date Reported: 6/16/2009

MB/LCS/LCSD Report

Unit: ug/kg

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
PCB-1016	ND	500	415	425	83	85	2	≤30	75-130
PCB-1260	ND	500	425	431	85	86	1	≤30	75-130

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client: Bowyer Environmental
 Project Site: Sunkist
 Project: Sunkist
 Matrix: Soil
 Batch No.: 0612-VCOCS

Lab Job No.: B9F013
 Date Sampled: 6/11/2009
 Date Received: 6/11/2009
 Date Analyzed: 6/12/2009
 Date Reported: 6/16/2009

EPA 8260B (VOCs & Oxy.) by GC/MS, Page 1 of 2

Reporting Unit: mg/kg (PPM)

Date Analyzed			06/12/09			
Dilution Factor			1			
Lab Sample I.D.			B9F013-1			
Client Sample I.D.			11C 1,2,3,4 Comp.			
Compound	MDL	RL				
Dichlorodifluoromethane	0.0018	0.005	ND			
Chloromethane	0.0018	0.005	ND			
Vinyl Chloride	0.0018	0.005	ND			
Bromomethane	0.0018	0.005	ND			
Chloroethane	0.0018	0.005	ND			
Trichlorofluoromethane	0.0018	0.005	ND			
1,1-Dichloroethene	0.0018	0.005	ND			
Methyl iodide	0.0018	0.005	ND			
Methylene chloride	0.0018	0.005	ND			
Trans-1,2-Dichloroethene	0.0018	0.005	ND			
1,1-Dichloroethane	0.0018	0.005	ND			
2,2-Dichloropropane	0.0018	0.005	ND			
Cis-1,2-Dichloroethene	0.0018	0.005	ND			
Bromochloromethane	0.0018	0.005	ND			
Chloroform	0.0018	0.005	ND			
1,1,1-Trichloroethane	0.0018	0.005	ND			
Vinyl acetate	0.0018	0.005	ND			
Carbontetrachloride	0.0018	0.005	ND			
1,1-Dichloropropene	0.0018	0.005	ND			
1,2-Dichloroethane	0.0018	0.005	ND			
Benzene	0.001	0.002	ND			
Trichloroethene	0.0018	0.005	ND			
1,2-Dichloropropane	0.0018	0.005	ND			
Methyl methacrylate	0.0018	0.005	ND			
Dibromomethane	0.0018	0.005	ND			
Bromodichloromethane	0.0018	0.005	ND			
2-Chloroethyl Vinyl Ether	0.0018	0.005	ND			
Cis-1,3-Dichloropropene	0.0018	0.005	ND			
Toluene	0.001	0.002	ND			
Trans-1,3-Dichloropropene	0.0018	0.005	ND			
Ethylmethacrylate	0.0018	0.005	ND			
1,1,2-Trichloroethane	0.0018	0.005	ND			
Dibromochloromethane	0.0018	0.005	ND			
1,2-Dibromoethane (EDB)	0.0018	0.005	ND			
Tetrachloroethene	0.0018	0.005	ND			
1,3-Dichloropropane	0.0018	0.005	ND			
Chlorobenzene	0.0018	0.005	ND			

RL=Reporting Limit; ND=Not Detected (Below MDL); MDL= Method Detection Limit.
 J= Value Detected Between MDL and RL.

ABC Environmental Laboratories

Client: Bowyer Environmental
 Project Site: Sunkist
 Project: Sunkist
 Matrix: Soil
 Batch No.: 0612-VCOCS

Lab Job No.: B9F013
 Date Sampled: 6/11/2009
 Date Received: 6/11/2009
 Date Analyzed: 6/12/2009
 Date Reported: 6/16/2009

EPA 8260B (VOCs & Oxy.) by GC/MS, Page 2 of 2

Reporting Unit: mg/kg (PPM)

Date Analyzed	06/12/09				
Dilution Factor	1				
Lab Sample I.D.	B9F013-1				
Client Sample I.D.	11C 1,2,3,4 Comp.				
Compound	MDL	RL			
1,1,1,2-Tetrachloroethane	0.0018	0.005	ND		
Ethylbenzene	0.001	0.002	ND		
Total Xylene	0.002	0.004	ND		
Styrene	0.0018	0.005	ND		
Bromoform	0.0018	0.005	ND		
Isopropyl benzene	0.0018	0.005	ND		
Bromobenzene	0.0018	0.005	ND		
1,2,3-Trichloropropane	0.0018	0.005	ND		
1,1,2,2,-Tetrachloroethane	0.0018	0.005	ND		
Trans-1,4-dichloro-2-butene	0.0018	0.005	ND		
2-Chlorotoluene	0.0018	0.005	ND		
n-Propyl benzene	0.0018	0.005	ND		
4-Chlorotoluene	0.0018	0.005	ND		
1,3,5-Trimethyl benzene	0.0018	0.005	ND		
tert-Butylbenzene	0.0018	0.005	ND		
p-Isopropyl toluene	0.0018	0.005	ND		
1,2,4-Trimethyl benzene	0.0018	0.005	ND		
sec-Butylbenzene	0.0018	0.005	ND		
1,3-Dichlorobenzene	0.0018	0.005	ND		
1,4-Dichlorobenzene	0.0018	0.005	ND		
1,2-Dichlorobenzene	0.0018	0.005	ND		
n-Butylbenzene	0.0018	0.005	ND		
1,2-Dibromo-3-chloropropan	0.0018	0.005	ND		
1,2,4-Trichlorobenzene	0.0018	0.005	ND		
Hexachlorobutadiene	0.0018	0.005	ND		
Naphthalene	0.0018	0.005	ND		
1,2,3-Trichlorobenzene	0.0018	0.005	ND		
Aceton	0.025	0.050	ND		
2-Butanone(MEK)	0.01	0.025	ND		
Methyl Isobutyl Ketone	0.01	0.025	ND		
MTBE	0.0018	0.005	ND		
Ethyl-t-butyl Ether(ETBE)	0.0018	0.005	ND		
Diisopropyl ether (DIPE)	0.0018	0.005	ND		
TAME	0.0018	0.005	ND		
t-Butanol	0.010	0.020	ND		

RL=Reporting Limit; ND=Not Detected (Below MDL); MDL= Method Detection Limit.
 J= Value Detected Between MDL and RL.

ABC Environmental Laboratories

EPA 8260B (VOCs & Oxy.)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F013

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 6/12/2009

Batch No.: 0612-VCOCs

Date Reported: 6/16/2009

MB/LCS/LCSD Report

Unit: mg/kg (PPM)

Compound	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
1,1-Dichloroethene	ND	0.02	0.020	0.019	100	95	5	≤20	80-120
Benzene	ND	0.02	0.021	0.020	105	100	5	≤20	80-120
Trichloroethene	ND	0.02	0.020	0.019	100	95	5	≤20	80-120
Toluene	ND	0.02	0.022	0.021	110	105	5	≤20	80-120
Chlorobenzene	ND	0.02	0.021	0.020	105	100	5	≤20	80-120

MB: Method Blank.

ND: Not Detected (Below MDL).

FROM :ABC ENVIRONMENTAL LAB

ABC Environmental Laboratories

Mr. Brett Bowyer
Bowyer Environmental
16458 Balsa Chica St., #422
HB, CA 92649

6/19/2009

Project: Sunkist
Project Site: Sunkist
Sample Date: 6/10/2009
Lab Job No.: B9F012A

Dear Mr. Brett Bowyer:

Enclosed please find the analytical report for the samples received by ABC Environmental Laboratories on 6/10/2009 and analyzed by the following EPA methods:

EPA 8082 (PCBs)

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

ABC Environmental Laboratories is certified by the CA DHS (Certificate No.2584). Thank you for giving us the opportunity to serve you.

Please feel free to call me at (909)923-8628 if our laboratory can be of further service to you.

Respectfully,

ABC Environmental Laboratories, Inc.

Ken Zheng, M.S.
Laboratory Director



Enclosures

This cover letter is an integral part of this analytical report.

ABC Environmental Laboratories

Client: Bowyer Environmental

Lab Job No.: B9F012A

Project: Sunkist

Date Sampled: 6/10/2009

Project Site: Sunkist

Date Received: 6/10/2009

Matrix: Soil

Date Analyzed: 6/18/2009

Batch No.: 0618-PCBS

Date Reported: 6/19/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1	1
Lab Sample I.D.		B9F012-1	B9F012-2	B9F012-3	B9F012-4	B9F012-5
Client Sample I.D.		24 F1 5ft	24 F2 5ft	24 F3 5ft	24 F4 5ft	24 F5 5ft
Compound	RL					
PCB-1016	25	ND	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND	ND
PCB-1254	25	ND	ND	ND	ND	ND
PCB-1260	25	ND	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

Client:	Bowyer Environmental	Lab Job No.:	B9F012A
Project:	Sunkist	Date Sampled:	6/10/2009
Project Site:	Sunkist	Date Received:	6/10/2009
Matrix:	Soil	Date Analyzed:	6/18/2009
Batch No.:	0618-PCBS	Date Reported:	6/19/2009

EPA 8082 (PCBs)

Reporting Unit: µg/kg (PPB)

Dilution Factor		1	1	1	1	1
Lab Sample I.D.		B9F012-6	B9F012-7	B9F012-8	B9F012-9	B9F012-10
Client Sample I.D.		24 F6 5ft	WW1 2.5ft	WW2 2.5ft	EW1 2.5ft	EW2 2.5ft
Compound	RL					
PCB-1016	25	ND	ND	ND	ND	ND
PCB-1221	50	ND	ND	ND	ND	ND
PCB-1232	25	ND	ND	ND	ND	ND
PCB-1242	25	ND	ND	ND	ND	ND
PCB-1248	25	ND	ND	ND	ND	ND
PCB-1254	25	ND	ND	ND	ND	ND
PCB-1260	25	ND	ND	ND	ND	ND

ND: Not Detected (Below Reporting Limit).

ABC Environmental Laboratories

EPA Method 8082 (PCBs)

Batch QA/QC Report

Client: Bowyer Environmental

Lab Job No.: B9F012A

Project: Sunkist

Lab Sample ID: LCS

Matrix: Soil

Date Analyzed: 6/18/2009

Batch No.: 0618-PCBS

Date Reported: 6/19/2009

MB/LCS/LCSD Report

Unit: ug/kg

Analyte	Method Blank	Spike Conc.	LCS	LCSD	LCS %Rec.	LCSD %Rec.	%RPD	%RPD Accept Limit	%Rec. Accept Limit
PCB-1254	ND	500	405	436	81	87	7	≤30	75-130

ND: Not Detected (Below Reporting Limit).

LABORATORY REPORT

Prepared For: Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project: 08010001
08010001

Sampled: 06/11/09
Received: 06/11/09
Issued: 07/16/09 08:29

NELAP #01108CA Arizona DHS#AZ0671

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL
INFORMATION: Report contains TCLP results.

LABORATORY ID

ISF1294-01

CLIENT ID

S24 #1,2,3,4,5,6,7,8

MATRIX

Soil

Reviewed By:



TestAmerica Irvine

Amy Harris For Sushmitha Reddy
Project Manager

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

BTEX by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISF1294-01 (S24 #1,2,3,4,5,6,7,8 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	9F12020	2.0	ND	1.02	6/12/2009	6/12/2009	
Ethylbenzene	EPA 8260B	9F12020	2.0	ND	1.02	6/12/2009	6/12/2009	
Toluene	EPA 8260B	9F12020	2.0	ND	1.02	6/12/2009	6/12/2009	
m,p-Xylenes	EPA 8260B	9F12020	2.0	ND	1.02	6/12/2009	6/12/2009	
o-Xylene	EPA 8260B	9F12020	2.0	ND	1.02	6/12/2009	6/12/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				91 %				
Surrogate: Dibromofluoromethane (80-125%)				98 %				
Surrogate: Toluene-d8 (80-120%)				96 %				

TestAmerica Irvine

Amy Harris For Sushmitha Reddy
Project Manager

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ISF1294 <Page 2 of 17>

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISF1294-01 (S24 #1,2,3,4,5,6,7,8 - Soil)								
Reporting Units: ug/kg								
Aroclor 1016	EPA 8082	9F12003	50	ND	1	6/12/2009	6/16/2009	
Aroclor 1221	EPA 8082	9F12003	50	ND	1	6/12/2009	6/16/2009	
Aroclor 1232	EPA 8082	9F12003	50	ND	1	6/12/2009	6/16/2009	
Aroclor 1242	EPA 8082	9F12003	50	ND	1	6/12/2009	6/16/2009	
Aroclor 1248	EPA 8082	9F12003	50	ND	1	6/12/2009	6/16/2009	
Aroclor 1254	EPA 8082	9F12003	50	240	1	6/12/2009	6/16/2009	
Aroclor 1260	EPA 8082	9F12003	50	ND	1	6/12/2009	6/16/2009	
<i>Surrogate: Decachlorobiphenyl (45-120%)</i>				80 %				

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Amy Harris For Sushmitha Reddy
Project Manager

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ISF1294 <Page 3 of 17>

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISF1294-01 (S24 #1,2,3,4,5,6,7,8 - Soil)								
Reporting Units: mg/kg								
Lead	EPA 6010B	9F12076	2.0	220	1	6/12/2009	6/12/2009	

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Project Manager

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ISF1294 <Page 4 of 17>

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

Polynuclear Aromatic Compounds by EPA Method 8310

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISF1294-01 (S24 #1,2,3,4,5,6,7,8 - Soil)								
Reporting Units: mg/kg								
1-Methylnaphthalene [2C]	SW846 8310	9062322	0.0327	ND	0.992	6/15/2009	6/15/2009	
2-Methylnaphthalene	SW846 8310	9062322	0.0327	0.185	0.992	6/15/2009	6/15/2009	R1
Acenaphthene	SW846 8310	9062322	0.0327	0.472	0.992	6/15/2009	6/15/2009	R1
Acenaphthylene	SW846 8310	9062322	0.166	ND	0.992	6/15/2009	6/15/2009	
Anthracene	SW846 8310	9062322	0.0218	ND	0.992	6/15/2009	6/15/2009	
Benzo (a) anthracene	SW846 8310	9062322	0.00397	0.150	0.992	6/15/2009	6/15/2009	
Benzo (a) pyrene	SW846 8310	9062322	0.00298	0.197	0.992	6/15/2009	6/15/2009	M7
Benzo (b) fluoranthene	SW846 8310	9062322	0.00595	0.213	0.992	6/15/2009	6/15/2009	
Benzo (g,h,i) perylene [2C]	SW846 8310	9062322	0.0248	0.173	0.992	6/15/2009	6/15/2009	M7
Benzo (k) fluoranthene	SW846 8310	9062322	0.00595	0.186	0.992	6/15/2009	6/15/2009	
Chrysene	SW846 8310	9062322	0.00496	0.195	0.992	6/15/2009	6/15/2009	
Dibenz (a,h) anthracene [2C]	SW846 8310	9062322	0.00992	0.0543	0.992	6/15/2009	6/15/2009	M7
Fluoranthene	SW846 8310	9062322	0.00694	0.405	0.992	6/15/2009	6/15/2009	
Fluorene	SW846 8310	9062322	0.0169	ND	0.992	6/15/2009	6/15/2009	M7
Indeno (1,2,3-cd) pyrene [2C]	SW846 8310	9062322	0.0139	0.274	0.992	6/15/2009	6/15/2009	R1
Naphthalene	SW846 8310	9062322	0.0327	0.0894	0.992	6/15/2009	6/15/2009	
Phenanthrene	SW846 8310	9062322	0.0208	0.0588	0.992	6/15/2009	6/15/2009	
Pyrene [2C]	SW846 8310	9062322	0.00893	0.193	0.992	6/15/2009	6/15/2009	
<i>Surrogate: p-Terphenyl [2C] (10-150%)</i>				28 %				

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Amy Harris For Sushmitha Reddy
Project Manager

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ISF1294 <Page 5 of 17>

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISF1294-01 (S24 #1,2,3,4,5,6,7,8 - Soil)									
Reporting Units: mg/l									
Lead	6010B-TCLP	9G07078	0.10	0.90	1	5.0	7/7/2009	7/8/2009	

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Amy Harris For Sushmitha Reddy
Project Manager

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ISF1294 <Page 6 of 17>

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: ISF1294-01 (S24 #1,2,3,4,5,6,7,8 - Soil)					
Extraction	EPA 1311-Met	9G06112	7/6/2009	7/7/2009	

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Project Manager

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ISF1294 <Page 7 of 17>

Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

BTEX by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9F12020 Extracted: 06/12/09										
Blank Analyzed: 06/12/2009 (9F12020-BLK1)										
Benzene	ND	2.0	ug/kg							
Ethylbenzene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	50.8		ug/kg	50.0		102	80-120			
Surrogate: Dibromofluoromethane	47.1		ug/kg	50.0		94	80-125			
Surrogate: Toluene-d8	50.9		ug/kg	50.0		102	80-120			
LCS Analyzed: 06/12/2009 (9F12020-BS1)										
Benzene	47.7	2.0	ug/kg	50.0		95	65-120			
Ethylbenzene	50.3	2.0	ug/kg	50.0		101	70-125			
Toluene	49.1	2.0	ug/kg	50.0		98	70-125			
m,p-Xylenes	101	2.0	ug/kg	100		101	70-125			
o-Xylene	51.3	2.0	ug/kg	50.0		103	70-125			
Surrogate: 4-Bromofluorobenzene	51.8		ug/kg	50.0		104	80-120			
Surrogate: Dibromofluoromethane	47.3		ug/kg	50.0		95	80-125			
Surrogate: Toluene-d8	50.1		ug/kg	50.0		100	80-120			
Matrix Spike Analyzed: 06/12/2009 (9F12020-MS1)										
				Source: ISF1069-04						
Benzene	47.6	2.0	ug/kg	49.1	ND	97	65-130			
Ethylbenzene	49.6	2.0	ug/kg	49.1	ND	101	70-135			
Toluene	49.4	2.0	ug/kg	49.1	ND	101	70-130			
m,p-Xylenes	101	2.0	ug/kg	98.2	ND	103	70-130			
o-Xylene	50.3	2.0	ug/kg	49.1	ND	102	65-130			
Surrogate: 4-Bromofluorobenzene	51.2		ug/kg	49.1		104	80-120			
Surrogate: Dibromofluoromethane	46.3		ug/kg	49.1		94	80-125			
Surrogate: Toluene-d8	50.7		ug/kg	49.1		103	80-120			

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Amy Harris For Sushmitha Reddy
Project Manager

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Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

BTEX by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9F12020 Extracted: 06/12/09										
Matrix Spike Dup Analyzed: 06/12/2009 (9F12020-MSD1)					Source: ISF1069-04					
Benzene	43.4	1.9	ug/kg	47.7	ND	91	65-130	9	20	
Ethylbenzene	45.2	1.9	ug/kg	47.7	ND	95	70-135	9	25	
Toluene	44.6	1.9	ug/kg	47.7	ND	94	70-130	10	20	
m,p-Xylenes	89.5	1.9	ug/kg	95.4	ND	94	70-130	12	25	
o-Xylene	45.5	1.9	ug/kg	47.7	ND	95	65-130	10	25	
Surrogate: 4-Bromofluorobenzene	49.3		ug/kg	47.7		103	80-120			
Surrogate: Dibromofluoromethane	45.7		ug/kg	47.7		96	80-125			
Surrogate: Toluene-d8	48.6		ug/kg	47.7		102	80-120			

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Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

POLYCHLORINATED BIPHENYLS (EPA 3545/8082)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9F12003 Extracted: 06/12/09										
Blank Analyzed: 06/12/2009 (9F12003-BLK1)										
Aroclor 1016	ND	50	ug/kg							
Aroclor 1221	ND	50	ug/kg							
Aroclor 1232	ND	50	ug/kg							
Aroclor 1242	ND	50	ug/kg							
Aroclor 1248	ND	50	ug/kg							
Aroclor 1254	ND	50	ug/kg							
Aroclor 1260	ND	50	ug/kg							
Surrogate: Decachlorobiphenyl	33.6		ug/kg	33.3		101	45-120			
LCS Analyzed: 06/12/2009 (9F12003-BS1)										
Aroclor 1016	269	50	ug/kg	267		101	65-115			
Aroclor 1260	278	50	ug/kg	267		104	65-115			
Surrogate: Decachlorobiphenyl	33.8		ug/kg	33.3		101	45-120			
Matrix Spike Analyzed: 06/12/2009 (9F12003-MS1) Source: ISF1069-02										
Aroclor 1016	265	50	ug/kg	267	ND	99	50-120			
Aroclor 1260	275	50	ug/kg	267	ND	103	50-125			
Surrogate: Decachlorobiphenyl	33.6		ug/kg	33.3		101	45-120			
Matrix Spike Dup Analyzed: 06/12/2009 (9F12003-MSD1) Source: ISF1069-02										
Aroclor 1016	258	50	ug/kg	267	ND	97	50-120	3	30	
Aroclor 1260	272	50	ug/kg	267	ND	102	50-125	1	30	
Surrogate: Decachlorobiphenyl	33.0		ug/kg	33.3		99	45-120			

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Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<u>Batch: 9F12076 Extracted: 06/12/09</u>										
Blank Analyzed: 06/12/2009 (9F12076-BLK1)										
Lead	ND	2.0	mg/kg							
LCS Analyzed: 06/13/2009 (9F12076-BS1)										
Lead	47.9	2.0	mg/kg	50.0		96	80-120			
Matrix Spike Analyzed: 06/12/2009 (9F12076-MS1)										
Lead	49.5	2.0	mg/kg	50.0	1.83	95	75-125			
Matrix Spike Dup Analyzed: 06/12/2009 (9F12076-MSD1)										
Lead	49.1	2.0	mg/kg	50.0	1.83	94	75-125	1	20	

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Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
<u>Batch: 9G07078 Extracted: 07/07/09</u>										
Blank Analyzed: 07/08/2009 (9G07078-BLK1)										
Lead	ND	0.10	mg/l							
LCS Analyzed: 07/08/2009 (9G07078-BS1)										
Lead	2.02	0.10	mg/l	2.00		101	80-120			
Matrix Spike Analyzed: 07/08/2009 (9G07078-MS1)										
Lead	1.96	0.10	mg/l	2.00	ND	98	75-125			

Source: ISG0191-01

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Bowyer Environmental Consulting
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Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

Polynuclear Aromatic Compounds by EPA Method 8310

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9062322 Extracted: 06/15/09										
Blank Analyzed: 06/15/2009 (9062322-BLK1)										
1-Methylnaphthalene	ND	0.0330	mg/kg							
2-Methylnaphthalene	ND	0.0330	mg/kg							
Acenaphthene	ND	0.0330	mg/kg							
Acenaphthylene	ND	0.167	mg/kg							
Anthracene	ND	0.0220	mg/kg							
Benzo (a) anthracene	ND	0.00400	mg/kg							
Benzo (a) pyrene	ND	0.00300	mg/kg							
Benzo (b) fluoranthene	ND	0.00600	mg/kg							
Benzo (g,h,i) perylene	ND	0.0250	mg/kg							
Benzo (k) fluoranthene	ND	0.00600	mg/kg							
Chrysene	ND	0.00500	mg/kg							
Dibenz (a,h) anthracene	ND	0.0100	mg/kg							
Fluoranthene	ND	0.00700	mg/kg							
Fluorene	ND	0.0170	mg/kg							
Indeno (1,2,3-cd) pyrene	ND	0.0140	mg/kg							
Naphthalene	ND	0.0330	mg/kg							
Phenanthrene	ND	0.0210	mg/kg							
Pyrene	ND	0.00900	mg/kg							
Surrogate: p-Terphenyl [2C]	0.0252		mg/kg	0.0333		76	10-150			

LCS Analyzed: 06/15/2009 (9062322-BS1)

1-Methylnaphthalene	0.0686	0.0330	mg/kg	0.0833		82	18-144			
2-Methylnaphthalene	0.0647	0.0330	mg/kg	0.0833		78	12-150			
Acenaphthene	0.0568	0.0330	mg/kg	0.0833		68	14-142			
Acenaphthylene	0.117	0.167	mg/kg	0.167		70	24-127			
Anthracene	0.0656	0.0220	mg/kg	0.0833		79	24-137			
Benzo (a) anthracene	0.0692	0.00400	mg/kg	0.0833		83	48-122			
Benzo (a) pyrene	0.0572	0.00300	mg/kg	0.0833		69	40-121			
Benzo (b) fluoranthene	0.0702	0.00600	mg/kg	0.0833		84	51-121			
Benzo (g,h,i) perylene	0.0676	0.0250	mg/kg	0.0833		81	37-128			
Benzo (k) fluoranthene	0.0706	0.00600	mg/kg	0.0833		85	48-125			
Chrysene	0.0699	0.00500	mg/kg	0.0833		84	19-131			
Dibenz (a,h) anthracene	0.0699	0.0100	mg/kg	0.0833		84	40-136			
Fluoranthene	0.0756	0.00700	mg/kg	0.0833		91	50-116			
Fluorene	0.0646	0.0170	mg/kg	0.0833		78	40-111			
Indeno (1,2,3-cd) pyrene	0.0685	0.0140	mg/kg	0.0833		82	40-126			

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Project Manager

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Attention: Bret Bowyer

Project ID: 08010001
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Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

Polynuclear Aromatic Compounds by EPA Method 8310

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9062322 Extracted: 06/15/09										
LCS Analyzed: 06/15/2009 (9062322-BS1)										
Naphthalene	0.0569	0.0330	mg/kg	0.0833		68	16-142			
Phenanthrene	0.0709	0.0210	mg/kg	0.0833		85	37-113			
Pyrene	0.0681	0.00900	mg/kg	0.0833		82	38-123			
Surrogate: p-Terphenyl [2C]	0.0231		mg/kg	0.0333		69	10-150			
LCS Dup Analyzed: 06/15/2009 (9062322-BSD1)										
1-Methylnaphthalene	0.0510	0.0330	mg/kg	0.0833		61	18-144	30	50	
2-Methylnaphthalene	0.0507	0.0330	mg/kg	0.0833		61	12-150	24	50	
Acenaphthene	0.0428	0.0330	mg/kg	0.0833		51	14-142	28	50	
Acenaphthylene	0.107	0.167	mg/kg	0.167		64	24-127	9	50	
Anthracene	0.0589	0.0220	mg/kg	0.0833		71	24-137	11	50	
Benzo (a) anthracene	0.0620	0.00400	mg/kg	0.0833		74	48-122	11	50	
Benzo (a) pyrene	0.0519	0.00300	mg/kg	0.0833		62	40-121	10	50	
Benzo (b) fluoranthene	0.0631	0.00600	mg/kg	0.0833		76	51-121	11	50	
Benzo (g,h,i) perylene	0.0614	0.0250	mg/kg	0.0833		74	37-128	10	50	
Benzo (k) fluoranthene	0.0636	0.00600	mg/kg	0.0833		76	48-125	10	50	
Chrysene	0.0624	0.00500	mg/kg	0.0833		75	19-131	11	45	
Dibenz (a,h) anthracene	0.0648	0.0100	mg/kg	0.0833		78	40-136	8	50	
Fluoranthene	0.0661	0.00700	mg/kg	0.0833		79	50-116	13	50	
Fluorene	0.0566	0.0170	mg/kg	0.0833		68	40-111	13	46	
Indeno (1,2,3-cd) pyrene	0.0608	0.0140	mg/kg	0.0833		73	40-126	12	48	
Naphthalene	0.0487	0.0330	mg/kg	0.0833		58	16-142	16	50	
Phenanthrene	0.0623	0.0210	mg/kg	0.0833		75	37-113	13	50	
Pyrene	0.0593	0.00900	mg/kg	0.0833		71	38-123	14	50	
Surrogate: p-Terphenyl [2C]	0.0212		mg/kg	0.0333		64	10-150			

Matrix Spike Analyzed: 06/15/2009 (9062322-MS1)

Source: ISF1294-01

1-Methylnaphthalene	0.0811	0.0326	mg/kg	0.0822	0.0128	83	10-200			
2-Methylnaphthalene	0.226	0.0326	mg/kg	0.0822	0.185	50	10-163			
Acenaphthene	0.529	0.0326	mg/kg	0.0822	0.472	69	10-151			
Acenaphthylene	0.129	0.165	mg/kg	0.164	ND	79	10-181			
Anthracene	0.0633	0.0217	mg/kg	0.0822	ND	77	22-149			
Benzo (a) anthracene	0.216	0.00395	mg/kg	0.0822	0.150	81	15-136			
Benzo (a) pyrene	0.301	0.00296	mg/kg	0.0822	0.197	126	10-123			M7
Benzo (b) fluoranthene	0.320	0.00592	mg/kg	0.0822	0.213	130	15-132			
Benzo (g,h,i) perylene	0.235	0.0247	mg/kg	0.0822	0.108	154	15-138			M7
Benzo (k) fluoranthene	0.257	0.00592	mg/kg	0.0822	0.186	86	26-125			

TestAmerica Irvine

Amy Harris For Sushmitha Reddy
Project Manager

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Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
Huntington Beach, CA 92649
Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

METHOD BLANK/QC DATA

Polynuclear Aromatic Compounds by EPA Method 8310

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9062322 Extracted: 06/15/09										
Matrix Spike Analyzed: 06/15/2009 (9062322-MS1)				Source: ISF1294-01						
Chrysene	0.275	0.00493	mg/kg	0.0822	0.195	97	10-152			
Dibenz (a,h) anthracene	0.310	0.00987	mg/kg	0.0822	0.0450	323	10-136			M7
Fluoranthene	0.469	0.00691	mg/kg	0.0822	0.405	78	10-147			
Fluorene	0.0503	0.0168	mg/kg	0.0822	0.00731	52	20-112			
Indeno (1,2,3-cd) pyrene	0.244	0.0138	mg/kg	0.0822	0.144	122	23-127			
Naphthalene	0.152	0.0326	mg/kg	0.0822	0.0894	76	10-197			
Phenanthrene	0.100	0.0207	mg/kg	0.0822	0.0588	50	15-133			
Pyrene	0.239	0.00888	mg/kg	0.0822	0.186	65	10-155			
Surrogate: p-Terphenyl [2C]	0.0115		mg/kg	0.0329		35	10-150			
Matrix Spike Dup Analyzed: 06/15/2009 (9062322-MSD1)				Source: ISF1294-01						
1-Methylnaphthalene	0.0841	0.0325	mg/kg	0.0820	0.0128	87	10-200	4	50	
2-Methylnaphthalene	0.241	0.0325	mg/kg	0.0820	0.185	69	10-163	7	50	
Acenaphthene	0.590	0.0325	mg/kg	0.0820	0.472	144	10-151	11	50	
Acenaphthylene	0.114	0.164	mg/kg	0.164	ND	69	10-181	13	50	
Anthracene	0.0584	0.0217	mg/kg	0.0820	ND	71	22-149	8	50	
Benzo (a) anthracene	0.220	0.00394	mg/kg	0.0820	0.150	86	15-136	2	50	
Benzo (a) pyrene	0.246	0.00295	mg/kg	0.0820	0.197	60	10-123	20	50	
Benzo (b) fluoranthene	0.279	0.00591	mg/kg	0.0820	0.213	80	15-132	14	50	
Benzo (g,h,i) perylene	0.144	0.0246	mg/kg	0.0820	0.108	43	15-138	48	50	
Benzo (k) fluoranthene	0.227	0.00591	mg/kg	0.0820	0.186	50	26-125	12	50	
Chrysene	0.272	0.00492	mg/kg	0.0820	0.195	94	10-152	1	45	
Dibenz (a,h) anthracene	0.0798	0.00984	mg/kg	0.0820	0.0450	42	10-136	118	50	R2
Fluoranthene	0.532	0.00689	mg/kg	0.0820	0.405	155	10-147	13	50	M7
Fluorene	0.0471	0.0167	mg/kg	0.0820	0.00731	48	20-112	7	46	
Indeno (1,2,3-cd) pyrene	0.184	0.0138	mg/kg	0.0820	0.144	48	23-127	28	48	
Naphthalene	0.176	0.0325	mg/kg	0.0820	0.0894	105	10-197	14	50	
Phenanthrene	0.113	0.0207	mg/kg	0.0820	0.0588	66	15-133	12	50	
Pyrene	0.259	0.00886	mg/kg	0.0820	0.186	89	10-155	8	50	
Surrogate: p-Terphenyl [2C]	0.00892		mg/kg	0.0328		27	10-150			

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Amy Harris For Sushmitha Reddy
Project Manager

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Bowyer Environmental Consulting
16458 Bolsa Chica St. #422
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Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

DATA QUALIFIERS AND DEFINITIONS

M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
R1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
R2	The RPD exceeded the acceptance limit.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

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Attention: Bret Bowyer

Project ID: 08010001
08010001
Report Number: ISF1294

Sampled: 06/11/09
Received: 06/11/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Arizona
6010B-TCLP	Soil	X	X
EPA 1311-Met	Soil	X	X
EPA 6010B	Soil	X	X
EPA 8082	Soil	X	X
EPA 8260B	Soil	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

TestAmerica - Nashville, TN

2960 Foster Creighton Drive - Nashville, TN 37204

Method Performed: SW846 8310

Samples: ISF1294-01

TestAmerica Irvine

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CHAIN OF CUSTODY FORM

17461 Derian Ave., #100, Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
 1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
 9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
 2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 788-3621

ISF-1294 Page 1 of 1

TAL-0013(1007)

Client Name/Address: Boulder Environmental Consulting 16455 Bolen Court Street #422 Huntington Beach, CA 92649		Project/PO Number: 08010001		Analysis Required															
Project Manager:		Phone Number: 877/232-4620		Fax Number: 714/840-4963															
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	EPA 8310 (PAH)	BTEX	EPA 8260/8001	PCBs	EPA 8082	Total Lead	Special Instructions						
S24 #1				6-11-09			X	X	X	X	X	X	Composite all 8						
S24 2																			
S24 3																			
S24 4																			
S24 5																			
S24 6																			
S24 7																			
S24 8																			
													Need data by Tuesday 6/16/09						
													6/16/09						
Relinquished By: Robert Curran		Date/Time: 6-11-09 3:10 pm		Received By:		Date/Time: 6/11/09 1510		Turnaround Time: (Check)		same day 72 hours ✓									
Relinquished By:		Date/Time:		Received By:		Date/Time:		24 hours		5 days									
Relinquished By:		Date/Time:		Received in Lab By:		Date/Time:		48 hours		normal ✓									
Relinquished By:		Date/Time:		Sample Integrity: (Check)		Intact ✓		on ice ✓		5/9/09									

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

from 162 fndw